

# Ceiling Systems

# Supplemental Catalog Volume 1

Acoustical Ceiling Panels, Specialty Ceiling Systems and Acoustical Suspension Systems



# Realize Your Vision

USG is a leading manufacturer of building materials for the construction and remodeling industries. From major commercial development and renovation to residential housing, our products turn vision into reality everywhere people live and work.



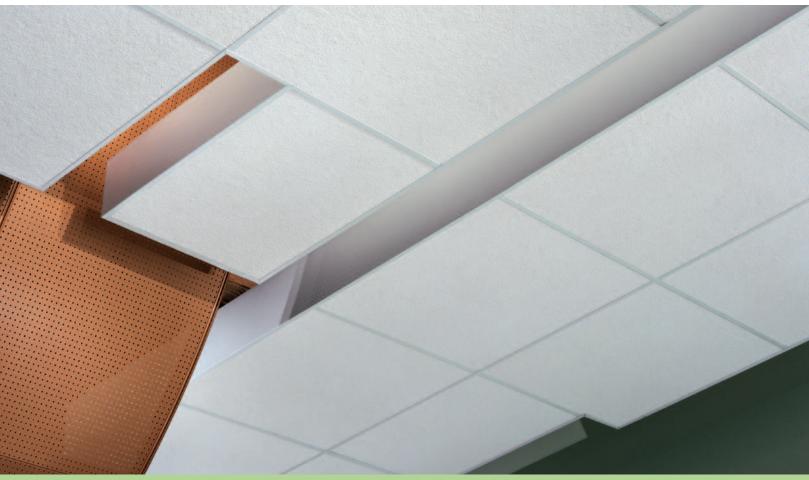
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SHEETROCK <sup>™</sup> Lay-in Ceiling Panel <i>CLIMAPLUS</i> <sup>™</sup> PVC-FREE RED NEW Product Offering	52	Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.	
NEW Product Oriening  SUMMIT <sup>™</sup> CUMAPLUS <sup>™</sup> (IRC)	54	роз-ницынаў годуна сонтант рат гто gulualinas.	

# Astro<sup>®</sup> ClimaPlus<sup>™</sup>







Astro Panels with *ClimaPlus* Superior Performance/ Donn Centricitee DXT Suspension System

#### **LEED Credits**

Recycled Content: 65% – 69%

CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ .				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•	•	•	•	•	

#### **Features and Benefits**

- Fine-textured, non-perforated, and non-fissured appearance offers highly desired aesthetic
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a Donn® brand suspension system
- Optional Firecode<sup>™</sup> formulation designed to meet life safety codes

#### **Applications**

- Schools
- Hospitals
- Healthcare facilities
- General offices
- Municipal buildings

#### Substrate

X-Technology mineral fiber

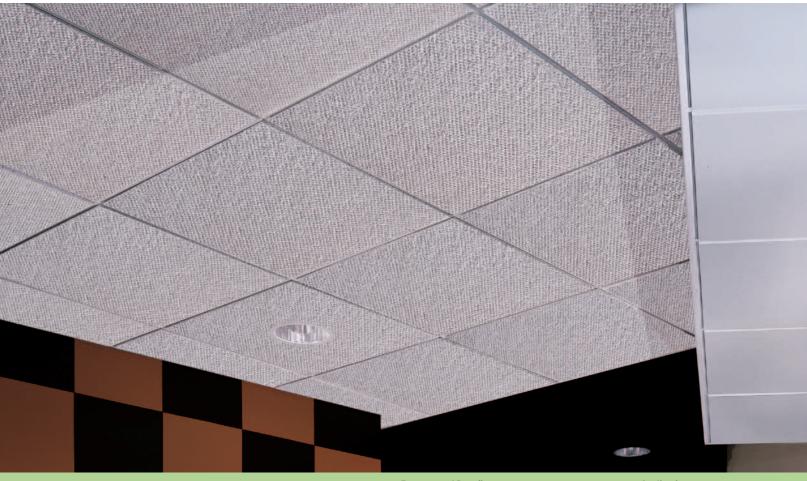


					(VL) UL Cla	assified	_								
30	Edge	Panel Size	Class <sup>3</sup>	Item No.	NRC	CAC Min.	LR <sup>4</sup>	Color	Grid Options	VOC <sup>9</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost		
Year System Warranty No visible sag Mold/mildew protection			0		0		O		•	3	0	<b>②</b>	6		
Astro CLIMAPLUS Panels	SQ	2'x2'x5/8"	Class A	8221	.55	35	.86	White	A,B,C	Low		65% HRC	\$\$		
		2'x2'x3/4"	0	8122	.50	35	.86	White	A, D	Low		69% HRC	\$\$		
		2'x4'x5/8"	Class A	8241	.55	35	.86	White	A,B	Low		65% HRC	\$\$		
	SLT	2'x2'x5/8"	Class A	8223	.55	35	.86	White	E	Low		65% HRC	\$\$		
		2'x2'x3/4"	0	8322	.50	35	.86	White	E	Low		69% HRC	\$\$		
		2'x4'x5/8"	Class A	8243	.55	35	.86	White	E	Low		65% HRC	\$\$		
	FLB	2'x2'x5/8"	Class A	8227	.55	35	.86	White	F, H, I	Low		65% HRC	\$\$		
		2'x2'x3/4"	0	8722	.50	35	.86	White	G, J	Low		69% HRC	\$\$		
		2'x4'x5/8"	Class A	8247	.55	35	.86	White	F, H, I	Low		65% HRC	\$\$		
Astro <i>CumaPlus</i> Illusion Two/24 Panels	SLT <sup>5</sup>	2'x4'x3/4"	Class A	8742	.55	35	.86	White	E	Low		65% HRC	\$\$		
	ILT <sup>6</sup>	2'x4'x3/4"	Class A	8744	.55	35	.86	White	K	Low		65% HRC	\$\$		
	Illusion T	 <b>wo/24</b> The look o	f 2 x 2 nanels				•								
Patterns															
	Legend														
	Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  CumaPlus Superior Performance?  Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Classified as containing greater than 50% total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.														
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	C8 Centricitee™ DXT	D CENTRICAL DXLT	TEE <sup>™</sup> Dor	NN DX/DXL	F Centricitee DXT	G Centricitee DXLT	H FineLine® DXF	FINELINE®	1/8 FINELII DXLF		NTRICITEE (T		
Grid Profile Options															
Physical Data/ Footnotes	Astro: Type III and 2, Pattern Illusion: Type I Form 1, Patte	C2321 R-2.0 (Class A 5/8") R-2.4 (Firecone 3/4") R-2.5 (For details. R-2.4 (Firecone 3/4") R-2.4 (Firecone 3/4") R-2.5 (For details. R-2.4 (Firecone 3/4") R-2.5 (Fo													

## Brio™ ClimaPlus™







Brio Panels with *CLIMAPLUS* Superior Performance/ DONN CENTRICITEE DXT Suspension System

#### **LEED Credits**

Recycled Content: 71% CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•	•	•	•	•	

#### **Features and Benefits**

- Uniquely textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum
- Integral color masks nicks and scratches and enhances lifelong panel appearance
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DoNN® brand suspension system

#### **Applications**

- Conference and lobby areas
- Executive offices
- Entertainment and gaming
- Hospitality
- Schools

#### Substrate

- Cast mineral



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30	Edge	Panel Size	Class	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color	Grid Options	VOC <sup>5</sup> Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>4</sup>	Panel Cost
Year System Warranty  – No visible sag  – Mold/mildew protection			0		•		0		<b>⊕</b>	3	0	4	<b>(4)</b>	6
BRIO CLIMAPLUS Panels	SL	2'x2'x3/4" Paper-Back	Class A	308	.70	35	.81	White	А	Zero		4	71% HRC	\$\$
	FL	2'x2'x3/4" Paper-Back	Class A	309	.70	35	.81	White	B, C, D	Zero		4	71% HRC	\$\$
	Legend													
	Classified as zero-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Classified as zero-emitting per standards established on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  High Recycled Content Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.													
	<b>A</b> DX®/DXL™	B Centricitee <sup>TM</sup> \ DXT	C FINELINE® DXF	D FINELINE DXFF	® 1/8									
Grid Profile Options					5									

Product literature

Data sheet: SC2349

**ASTM E1264 classification** Type III, Form 4, Pattern Z

ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.65 lb./sq. ft.

Thermal resistance

Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production date code.

#### Footnotes

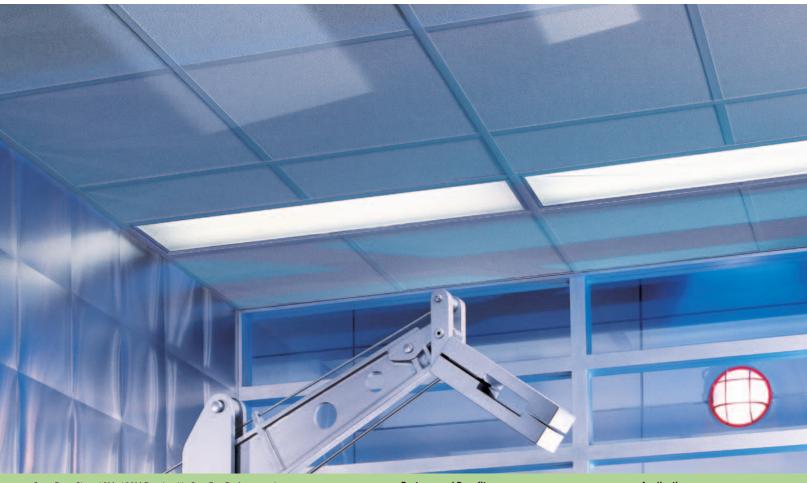
 Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. LR values are shown as averages.
 Panel face and back surfaces treated with a patented, broadspectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *Ceiling Systems Warranties and Limitations* (SC2102) and CLIMAPLUS Ceillings Certification of Performance (SC2451).

5. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Clean Room ClimaPlus







CLEAN ROOM Class 10M-100M Panels with  $\it CLIMAPLUS$  Performance/DONN DXLA Suspension System

#### **LEED Credits**

Recycled Content: 51%
CLIMAPLUS No-Sag Warranty

MR			EQ				
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
	•	•	•		•	•	

# To order samples, go to usg.com

#### **Features and Benefits**

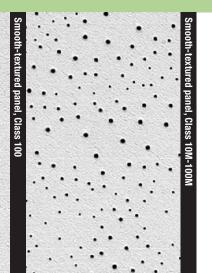
- CLEAN ROOM™ CLIMAPLUS™ Class 100 and Class 10M-100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 or 10M-100M clean rooms
- FIRECODE<sup>™</sup> formulation designed to meet life safety codes
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DoNN® brand suspension system

#### **Applications**

- Clean rooms
- Laboratories
- Surgical areas/emergency rooms
- MRI rooms
- Kitchens/food prep areas (Class 100 only)

#### Substrate

Water-felted mineral fiber





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				(U) UL CI	assified									
30	Edge	Panel Size	Class <sup>2</sup>	Item No.	NRC <sup>3</sup>	CAC Min.	LR <sup>4</sup>	Color	Grid Options	Recycled Content <sup>1</sup>	Panel Cost			
Year System Warranty No visible sag			0		•		0		•	<b>(A)</b>	6			
CLEAN ROOM CLIMAPLUS	SQ	2'x2'x5/8" Unperforated	0	56099	_	35	.79	White	A, B, C, D, E	51% HRC	\$\$			
Class 100 Panels  CLEAN ROOM		2'x4'x5/8" Unperforated	0	56091	_	35	.79	White	A, B, C, D, E	51% HRC	\$\$			
CLEAN ROOM CLIMAPLUS Class 10M-100M Panels <sup>7</sup>	SQ	2'x2'x5/8" Perforated	0	56060	.55	35	.79	White	A, B, C, D, E	51% HRC	\$\$			
		2'x4'x5/8" Perforated	0	56090	.55	35	.79	White	A, B, C, D, E,	51% HRC	\$\$			
	Legend													
	High Recycled Content  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.													
	<b>A</b> DX®/DXL™	B C ZXLA <sup>TM</sup>	<b>D</b> AX™	E CE	тм6									
Grid Profile Options <sup>5</sup>														

#### Product literature

Data sheet: SC1811

ASTM E1264 classification Class 100: Type X, Pattern Gl Class 10-100M: Type X, Pattern CGl

## ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

## Weight

1.1 lb./sq. ft. (Class 100 panels) 1.2 lb./sq. ft. (Class 10M-100M panels)

#### Thermal resistance

#### Maximum backloading

See Warranty for details.

**Maintenance** Can be cleaned easily with a damp sponge, mild detergent and water. Do not use acetate, ammonia, or highly concentrated chlorine, bromide or other harsh chemicals.

Footnotes 1. For details, see LEED report generator at usgdesignstudio.com. 2. Fire-rated items: see UL design details.

3. NRC rating CLEAN ROOM CLIMAPLUS Class 100 panels is .10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than .50.

4. LR values are shown as averages.
5. Field-cut edges of CLEAN ROOM panels may be sealed with white latex paint.
6. Clean-room-rated applications require a suspension system with gasketed tee flanges such as Down CE.

7. Not intended for kitchen/food prep applications. Use unperforated product (Class 100) — Item numbers 56099 and 56091.

8. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Eclipse ClimaPlus









ECLIPSE Panels with CLIMAPLUS Superior Performance/ Donn FineLine DXF Suspension System

#### **LEED Credits**

Recycled Content: 62% - 77% CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•			•

#### **Features and Benefits**

- NRC performance of .70
- Optional Firecode<sup>TM</sup> formulation.
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a Donn® brand suspension system
- Panel used in Renditions<sup>™</sup> face-routed ceiling systems (see IC327)

#### **Applications**

- Schools
- Hotels
- Lobbies
- General office and conference areas
- Transportation terminals

#### Substrate

X-Technology mineral fiber

#### To order samples, go to usg.com

See individual items for color availability.











Taupe 107

					<u></u> ՄԱ Մ	lassified							
30	Edge	Panel Size Imperial Metric (mm) <sup>3</sup>	Class <sup>4</sup>	Item No. Imperial Metric	NRC	CAC Min.	LR <sup>5</sup>	Color <sup>6</sup>	Grid Options	VOC¹0 Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
ar System Warranty visible sag old/mildew protection			0		•		0		•	3	0	<b>②</b>	S
LIPSE <i>CLIMAPLUS</i> Inels	SQ	2'x2'x3/4"	Class A	76575	.70	35	.86	White	A, B, C	Low		77% HRC	\$\$
		2'x4'x3/4"	Class A	78575	.70	35	.86	White	A, B	Low		77% HRC	\$\$
	SLT	2'x2'x3/4" 600x600x19	Class A	<b>76775</b> ME76775	.70	35	.86	White Standard	D	Low		77% HRC	\$\$
		2'x2'x3/4"	0	76779	.60	35	.86	White	D	Low		62% HRC	\$\$
		2'x4'x3/4"	Class A	78775	.70	35	.86	White	D	Low		77% HRC	\$\$
	FL	<b>2'x2'x3/4</b> " 600x600x19	Class A	<b>76975</b> ME76975	.70	35	.86	White Standard	E, G, H	Low		77% HRC	\$\$
		2'x2'x3/4"	0	76979	.60	35	.86	Otandard	F, I	Low		62% HRC	\$\$
		2'x4'x3/4"	Class A	78975	.70	35	.86	White	E, G, H	Low		77% HRC	\$\$
LIPSE <i>CLIMAPLUS</i>	BESK	12"x12"x3/4"	Class A	70073	.60	40	.86	White	J	Low		77% HRC	\$\$\$\$
	Legend							_					
	Classified as by the Collab	Emissions (VOC Classions of the second of th	ndards establis ormance Schoo	hed Contair on the f guaran	ns a broad-sp face and bac	perior Perfo pectrum antim k of the panel ace against the	icrobial treatme that provides	nt Classified as recycled con on product of	containing greate tent. Total recyclec omposition of post er (post-industrial) es.	r than 50% total d content is base -consumer and	ed		
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	CENTRICITEE DXT	D DX/DXL		ENTRICITEE XT	F Centricitee DXLT	G FINELINE® DXF	H FINELINE® 1/8 DXFF	I   Fineline®   DXLF	J DX®/E Conce		
rid Profile otions											8		

Product literature

Data sheet: SC1812

ASTM E1264 classification Type III, Form 1, Pattern El

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Imperial weight .97 lb./sq. ft. (Class A panels and tile) 1.2 lb./sq. ft. (Firecode panels)

Metric weight 5.07 kg/m2 (Class A panels)

#### Thermal resistance

R-2.0 (Class A) R-1.9 (Firecode)

Maximum backloading

See Warranty for details.

Maintenance Can be cleaned easily with a soft brush or vacuum.

Patented technology
This product's unique combination
of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. Metric available in white only.
   Fire-rated items: see UL design
- details.
  5. LR values shown as averages.
  6. See Colors selector for more information. Metric: white only.
  7. Contact USG for adhesive recommendations for 12"x12"
- glue-up applications. 8. Not UL Classified for acoustics.

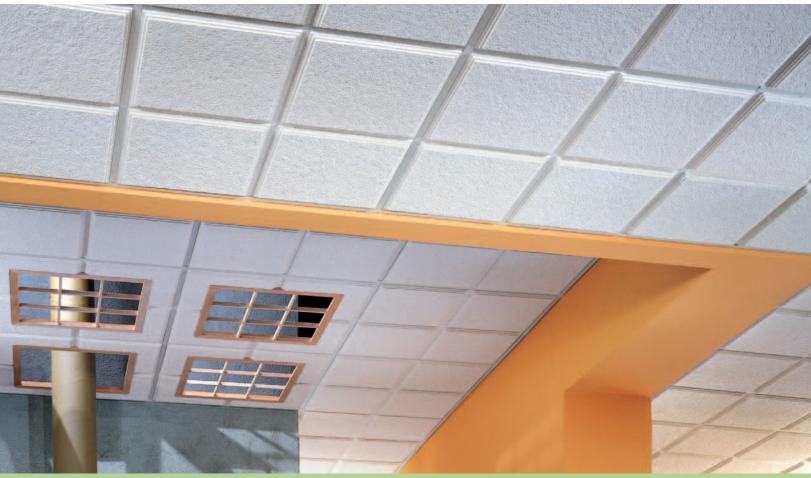
9. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see Ceiling and Initioew. For declaris, see Ceiming Systems Warranties and Limitations (SC2102) and CumaPus Ceilings Certification of Performance (SC2451). 10. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Eclipse<sup>™</sup> ClimaPlus<sup>™</sup> Illusion<sup>™</sup> and Pedestals<sup>™</sup>









ECLIPSE PEDESTALS IV Panels with CLIMAPLUS Superior Performance/ DONN CENTRICITEE DXT Suspension System

#### **LEED Credits**

Recycled Content: 77%

CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

#### **Features and Benefits**

- A variety of face scores create the illusion of a smaller-scaled ceiling system without compromising
- Solid NRC performance of up to .70 meets general office acoustical needs for sound absorption
- CLIMAPLUS 30-year lifetime system warranty to withstand temperature and humidity conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a Donn® brand suspension system

#### **Applications**

- Boutiques
- Schools
- Reception lobbies
- Transportation terminals

#### Substrate

X-Technology mineral fiber



					(I) UL C	lassified	_						
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>9</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
ar System Warranty visible sag old/mildew protection			0		•		0		•	3	0	<b>(4)</b>	6
ECLIPSE <i>CLIMAPLUS</i> LLUSION TWO/24 Panels	SLT <sup>5</sup>	2'x4'x3/4"	Class A	78785	.70	35	.84	White	А	Low		77% HRC	\$\$
he look of 2'x2' panels	ILT <sup>6</sup>	2'x4'x3/4"	Class A	78085	.70	35	.84	White	В	Low		77% HRC	\$\$
CLIPSE CLIMAPLUS	SLT <sup>6</sup>	2'x4'x3/4"	Class A	78711 <sup>8</sup>	.70	35	.84	White	А	Low		77% HRC	\$\$
inear strips [  CLIPSE CLIMAPLUS   F	ILT <sup>7</sup>	2'x4'x3/4"	Class A	78011 <sup>8</sup>	.70	35	.84	White	В	Low		77% HRC	\$\$
PEDESTALS   Panels Triple-step scoring	PE/SLT	2'x2'x3/4"	Class A	72715	.65	35	.84	White	С	Low		77% HRC	\$\$
	PE/ILT	2'x4'x3/4"	Class A	72015	.65	35	.84	White	D	Low		77% HRC	\$\$
ECLIPSE CLIMAPLUS PEDESTALS IV Panels	PE/SLT <sup>5</sup>	2'x2'x3/4"	Class A	72716	.65	35	.84	White	С	Low		77% HRC	\$\$
Triple-step scoring in 12"x12" modules	PE/ILT <sup>6</sup>	2'x2'x3/4"	Class A	72215	.65	35	.84	White	D	Low		77% HRC	\$\$
	Illusion T	wo/24	Illusion F	our/48	Pe	destals I	Ped	destals IV					
atterns													
	Legend												
	Classified as by the Collab	missions (VOC Clast low-emitting per start porative for High-Perfor wing California Specifods.	dards establish rmance Schoo	ned Contair ls on the t guaran	is a broad-sp ace and back	perior Perfori ectrum antimic of the panel the ce against the o	robial treatme nat provides	nt Classified a recycled cor on product o	Recycled Conten s containing greater ntent. Total recycled composition of post ner (post-industrial) nes.	r than 50% tota I content is base -consumer and	ed		
	<b>A</b> DX®/DXL™	B Centricitee™ DXT	C DX/DXL	D CENTRICE DXT	TEE								
rid Profile otions													

#### Product literature

Data sheet: SC1846B

## ASTM E1264 classification Type III, Form 1, Pattern EIK (Illusion) or

Type III, Form 1, Pattern EIK (Illusion) of Pattern EI (Pedestals)

## ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Weight

.97-1.2 lb./sq. ft.

#### Thermal resistance R-2.0

Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

### Patented technology

This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

Applies when USG acoustical ceilings recycling program is utilized.
 For details, see LEED report generator at usgdesignstudio.com.
 Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing

as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.

4. LR values are shown as averages.
5. Panels have a 15/16" routing.
6. Panels have a 9/16" routing.

#### 7. Panel face and back surfaces treated Note

Panels with face routing do not carry USG's CLIMAPLUS non-sag warranty. Refer to standard commercial ceilings warranty.

mildew. For details, see *Ceiling Systems*Warranties and Limitations (SC2102)
and C.maP.us Ceilings Certification of
Performance (SC2451)
8.5,000 sq. ft. minimum.
9. No formaldehyde is added to any
ingredient or during the manufacturing
process for all mineral fiber acoustical
ceiling products manufactured by USG

with a patented, broad-spectrum anti-

microbial standard formulation that inhibits and retards the growth of mold/

# "F" Fissured









"F" Fissured Panels/
Donn Centricitee DXT Suspension System

#### **LEED Credits**

Recycled Content: 71%

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•	•	•	•	•	

#### **Features and Benefits**

- Cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum
- Combine 12"x12" tile with the Donn® brand DX®/DXL™
  concealed suspension system to create a nearly
  monolithic ceiling surface

#### **Applications**

- Administrative offices
- Schools
- Financial institutions
- Religiousbuildings

#### Substrate

- Cast mineral fiber





Edge	Panel Size	Class	Item No.	NRC	CAC	LR <sup>3</sup>	Color	Grid	VOC6	Abuse-	Recycled	Panel
					Min.			Options	Emissions	Resistant	Content <sup>4</sup>	Cost
		0		0		0		•	3	4	<b>(4)</b>	\$
	<b>2'x2'x3/4"</b> Foil-Back	Class A	131	.70	35	.79	White	A, B, C	Zero	4	71% HRC	\$\$
	2'x4'x3/4" Foil-Back	Class A	135	.70	35	.79	White	A, B	Zero	4	71% HRC	\$\$
	<b>2'x2'x3/4</b> " Foil-Back	Class A	132	.70	35	.79	White	D	Zero	4	71% HRC	\$\$
	<b>2'x4'x3/4"</b> Foil-Back	Class A	136	.70	35	.79	White	D	Zero	4	71% HRC	\$\$
	<b>2'x2'x3/4"</b> Foil-Back	Class A	133	.70	35	.79	White	E, F, G	Zero	4	71% HRC	\$\$
	12"x12"x3/4"	Class A	102	.70	25	.79	White	Н	Zero	4	71% HRC	\$\$\$\$
	12"x12"x3/4"	Class A	101	.70	25	.79	White	1	Zero	4	71% HRC	\$\$\$\$
egend.												
Classified as z by the Collabo CHPS), follow	zero-emitting per standar orative for High-Performa ving California Specificat	rds established ance Schools ion 01350	Classified as co recycled conten on product com ore-consumer (	ntaining great it. Total recycle position of pos	er than 50% ed content is l st-consumer	oased and						
<b>a</b> DX®/DXL™	DXW™ (	Centricitee™ [		E Centricitee DXT	FINELIN DXF	E® Fit	neline® 1/8	<b>H</b> DX <sup>®</sup> /DXL <sup>™</sup> Concealed	DX/DXL Concealed			
. S . S . S . S . S . S . S . S . S . S	ESK  ESK  Jesus Esk  Jesk  J	Foil-Back  2'x4'x3/4" Foil-Back  2'x2'x3/4" Foil-Back  2'x4'x3/4" Foil-Back  2'x2'x3/4" Foil-Back  12"x12"x3/4" Foil-Back  12"x12"x3/4"  ESK 12"x12"x3/4"  ESK 12"x12"x3/4"  BOIL-Back  12"x12"x3/4"  Foil-Back  12"x12"x3/4"  BOIL-Back  12"x12"x3/4"	Q 2'x2'x3/4" Class A Foil-Back 2'x4'x3/4" Class A Foil-Back  L 2'x2'x3/4" Class A Foil-Back 2'x4'x3/4" Class A Foil-Back 2'x4'x3/4" Class A Foil-Back L 2'x2'x3/4" Class A Foil-Back L 2'x2'x3/4" Class A Foil-Back ESK 12"x12"x3/4" Class A  ESK 12"x12"x3/4" Class A	Q 2'x2'x3/4" Class A 131  Foil-Back  2'x4'x3/4" Class A 135  Foil-Back  2'x2'x3/4" Class A 132  Foil-Back  2'x4'x3/4" Class A 136  Foil-Back  2'x4'x3/4" Class A 136  Foil-Back  L 2'x2'x3/4" Class A 133  Foil-Back  L 2'x2'x3/4" Class A 102  ESK 12"x12"x3/4" Class A 101  Egend  3 Zero Emissions (VOC Class)  Lassified as zero-emitting per standards established to recycled conter on product compre-consumer (FTC guidelines.  AX®/DXL™ B CC CENTRICITEE™ DX/DXL	Q 2'x2'x3/4" Class A 131 .70 Foil-Back  2'x4'x3/4" Class A 135 .70 Foil-Back  2'x4'x3/4" Class A 132 .70 Foil-Back  2'x4'x3/4" Class A 136 .70 Foil-Back  2'x4'x3/4" Class A 136 .70 Foil-Back  L 2'x2'x3/4" Class A 133 .70 Foil-Back  L 2'x2'x3/4" Class A 102 .70 Foil-Back  ESK 12"x12"x3/4" Class A 102 .70 ESK 12"x12"x3/4" Class A 102 .70 ESK 12"x12"x3/4" Class A 101 .70 ESK 12"x12"x3/4" Class A 102 .70 ESK 12"x12"x3/4" Class A 101 .70 ESK 12"x12"x3/4" Class A 102 .70 ESK 12"x12"x3/4" Class A	Class A   131   .70   .35     Foil-Back   Class A   135   .70   .35     Foil-Back   Class A   135   .70   .35     Foil-Back   Class A   132   .70   .35     Foil-Back   Class A   136   .70   .35     Foil-Back   Class A   136   .70   .35     Foil-Back   Class A   136   .70   .35     Foil-Back   Class A   137   .70   .35     Foil-Back   Class A   138   .70   .35     Foil-Back   Class A   138   .70   .35     Foil-Back   Class A   102   .70   .25     ESK   12"x12"x3/4"   Class A   101   .70   .25     ESK   12"x12"x3/4"   Class A   101   .70   .25     ESK   Class A   Class A   Class A   Class A   .70   .70   .70     Foil-Back   Class A   .70   .70   .70   .70     Foil-Back   Class A   .70   .70   .70   .70     ESK   12"x12"x3/4"   Class A   .70   .70   .70   .70     ESK   12"x12"x3/4"   Class A   .70   .70   .70   .70     ESK   12"x12"x3/4"   Class A   .70   .70   .70   .70   .70     ESK   12"x12"x3/4"   Class A   .70   .70   .70   .70   .70   .70     ESK   12"x12"x3/4"   Class A   .70	Class A   131   .70   .79	Class A 131 .70 35 .79 White Foil-Back  2'x4'x3/4" Class A 135 .70 35 .79 White Foil-Back  L 2'x2'x3/4" Class A 132 .70 35 .79 White Foil-Back  2'x4'x3/4" Class A 136 .70 35 .79 White Foil-Back  2'x4'x3/4" Class A 136 .70 35 .79 White Foil-Back  L 2'x2'x3/4" Class A 133 .70 35 .79 White Foil-Back  L 2'x2'x3/4" Class A 102 .70 25 .79 White Foil-Back  ESK 12"x12"x3/4" Class A 102 .70 25 .79 White Collaborative for High-Performance Schools on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.  A X®/DXL™ B C C ENTRICITEE™ DX/DXL CENTRICITEE FNELINE® 1/8	Class A   131   .70   .35   .79   White   A, B, C   .79	2'x2'x3/4"   Class A   131   .70	Class A   131   .70   .35   .79	Class A   131   .70   .35   .79   White   A, B, C   Zero   .71%



ceiling height, installation methods, and natural variations of the product.

## Physical Data/ Footnotes

Product literature

Data sheet: SC1816

**ASTM E1264 classification** Type III, Form 4, Pattern D

ASTM E84 surface burning

characteristics Class A

Flame spread: 25 Smoke developed: 50

Weight 1.75 lb./sq. ft.

Thermal resistance

Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com.
- LR values are shown as averages.
   Contact USG for adhesive
- recommendations for 12"x12" glue-up applications.

  5. Not UL Classified for acoustics.
- 6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Fresco ClimaPlus







Fresco Panels with *CLIMAPLUS* Superior Performance/ DONN FINELINE 1/8 DXFF Suspension System

#### **LEED Credits**

Recycled Content: 71%

CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

#### **Features and Benefits**

- Uniquely textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum
- Integral color masks nicks and scratches and enhances lifelong panel appearance
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a Donn® brand suspension system

#### **Applications**

- Conference and lobby areas
- Department stores
- Entertainment and gaming
- Executive offices
- Media centers
- Hospitality

#### Substrate

Cast mineral fiber

heavily textured panel



					(I) UL CI	assified								
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color	Grid Options	VOC <sup>5</sup> Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty  No visible sag  Mold/mildew protection			0				0		<b>⊕</b>	3	0	4	<b>(4)</b>	8
Fresco <i>ClimaPlus</i> Panels	SL	2'x2'x3/4" Paper-Back	Class A	608	.70	35	.83	White	A	Zero			71% HRC	\$\$
	FL	2'x2'x3/4" Paper-Back	Class A	609	.70	35	.83	White	B, C, D	Zero		4	71% HRC	\$\$
	Legend							•						
	Classified as by the Collab	missions (VOC Clas zero-emitting per stam orative for High-Perfor wing California Specific ods.	dards establisl mance Schoo	ned Contai s on the guarar	ns a broad-sp face and bac	perior Perfo pectrum antim k of the panel ace against the	icrobial treatn that provides	nent Classifi recycle on prod	d content. Tot uct composit sumer (post-	d Content ing greater tha al recycled cor ion of post-cor industrial) recy	ntent is based nsumer and			
	<b>A</b> DX®/DXL™	B Centricitee™ DXT	C FINELINE® DXF	D FINELINE DXFF	e® 1/8									
Grid Profile Options														

Product literature

Data sheet: SC2348

**ASTM E1264 classification** Type III, Form 4, Pattern Z

ASTM E84 surface burning

characteristics Class A

Flame spread: 25 Smoke developed: 50

Weight 1.65 lb./sq. ft.

Thermal resistance

Maximum backloading See Warranty for details

Maintenance Can be cleaned easily with

a soft brush or vacuum.

Texture
The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized.
  2. Dependent on location; see Sustainability selector.
- LR values are shown as averages.
   Panel face and back surfaces are treated with USG's superior performing, patented, broad-spectrum antimicrobial treatment. This standard formulation inhibits and retards the growth of mold and mildew. For details, see *Ceiling Systems Warranties and* Limitations (SC2102) and ClimaPlus Ceilings Certification of Performance (SC2451).

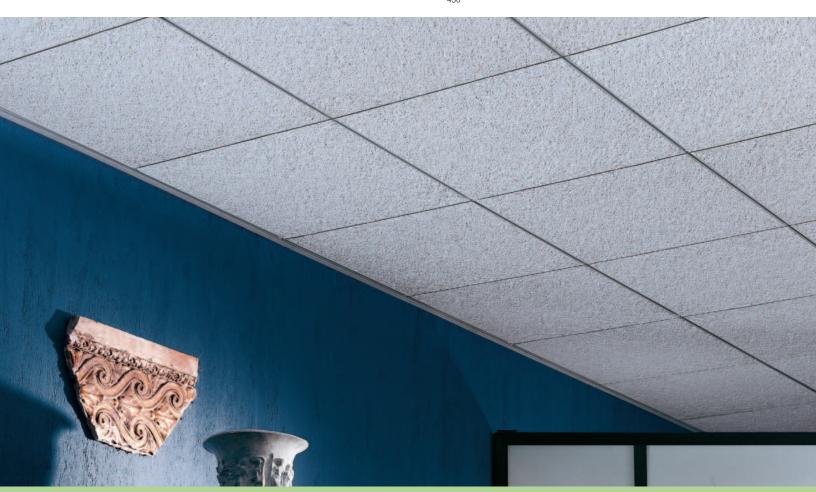
5. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

## $Frost^{\scriptscriptstyle{\mathsf{TM}}}$









Donn Fineline DXF Suspension System

#### **LEED Credits**

Recycled Content: 70% - 71%

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

#### **Features and Benefits**

- Excellent combination of noise reduction (NRC .70) and sound attenuation (CAC 40)
- -Zero VOC emissions exceeds the most stringent air quality standards
- Damage-resistant panels with integral color help to reduce the overall cost of ownership
- -30-year lifetime system warranty against visible sag, mold and mildew

#### **Applications**

- Healthcare-HIPAA requirements
- Open or closed offices
- Media centers
- Libraries
- Schools-ANSI S12.60 classroom guidelines

#### Substrate

Cast mineral fiber





					િUL Clas	ssified							
	Edge	Panel Size	Class <sup>3</sup>	Item No.	NRC	CAC Min.	LR <sup>4</sup>	Color	Grid Options	V0C <sup>5</sup> Emissions	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
			0		•		0		<b>⊕</b>	3	4	<b>(4)</b>	8
FROST Panels	SLB	2'x2'x3/4" Foil-Back	Class A	440	.70	40	.83	White	А	Zero	4	71% HRC	\$\$
		<b>2'x2'x3/4</b> " Foil-Back	0	415	.55	35	.83	White	A	Zero	4	70% HRC	\$\$
		2'x4'x3/4" Paper-Back	Class A	450	.70	38	.83	White	А	Zero	4	71% HRC	\$\$
	FL	2'x4'x3/4" Paper-Back	Class A	460	.70	38	.83	White	B, C, D	Zero	4	71% HRC	\$\$
FROST Pedestals I Panels Triple-step scoring	PE/IL	2'x2'x3/4" Paper-Back	Class A	400	.70	35	.83	White	Е	Zero	4	71% HRC	\$\$\$
inplo dtop dodning	Legend							,		•			
	Classified as by the Collab	imissions (VOC Class) zero-emitting per standards es corative for High-Performance wing California Specification 0 ods.	stablished ( Schools 1 1350 (	High Rec Classified as co recycled content on product com ore-consumer ( FTC guidelines.	ntaining greatont. Total recycle position of pos post-industrial	er than 50% d content is l st-consumer	oased and						
	<b>A</b> DX®/DXL™	<b>B</b>		) ineline® 1/8 DXFF	E Centricitee DXT								
Grid Profile Options													

Product literature

Data sheet: SC1817

**ASTM E1264 classification** Type III, Form 4, Pattern E

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.65-1.7 lb./sq. ft.

Thermal resistance R-1.7 (Class A) R-1.1 (FIRECODE)

Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

## Impact resistance

ASTM C367 - tested to min. 190 lbf. for 1/4" depression by a 2" steel ball.

#### Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Fire-rated items: see UL design details.
- details.
  4. LR values are shown as averages.
  5. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Frost ClimaPlus











FROST Panels with CLIMAPLUS Superior Performance Donn FineLine 1/8 DXFF Suspension System

#### **LEED Credits**

Recycled Content: 71% Rapidly Renewable Materials: 12% CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ					
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance			
	•	•	•						

## **Features and Benefits**

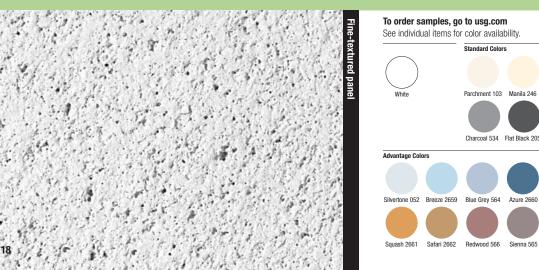
- Excellent combination of noise reduction (up to NRC-.75) and sound attenuation (up to CAC-40) for use in mixed (open plan/closed plan) office design
- Zero VOC emissions exceeds the most stringent air quality standards
- High light-reflective finish (up to LR-.88) reduces light fixtures and energy use
- Damage-resistant panels with integral color help to reduce the overall cost of ownership
- 30-year lifetime system warranty against visible sag, mold and mildew

#### **Applications**

- Healthcare HIPAA requirements
- Schools ANSI S12.60 classroom guidelines
- Government projects-ACOE performance requirements
- Mixed office design
- Open or closed plan offices
- Media centers/libraries

#### Substrate

- Cast mineral fiber



## To order samples, go to usg.com

















Blue Grey 564

Azure 2660



Slate 568

Halo 206



Mist 053









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30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color <sup>5</sup>	Grid Options	VOC <sup>7</sup> Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty No visible sag Mold/mildew protection			0		0		0		<b>⊕</b>	3	0	4	<b>②</b>	\$
Frost <i>ClimaPlus</i> Panels	SLB	2'x2'x3/4" Paper-Back	Class A	414	.70	38	.83	White Standard Advantage	А	Zero		4	71%	\$\$
	FL	2'x2'x3/4" Paper-Back	Class A	418	.70	38/40	.83	White Standard Advantage	B, C, D	Zero		•	71%	\$\$
	FLB	2'x2'x3/4" Paper-Back	Class A	419	.70	38/40	.83	White Standard Advantage	E, F, G	Zero		4	71% HRC	\$\$
FROST CLIMAPLUS High NRC/	SLB	2'x2'x7/8" Paper-Back	Class A	484	.75	38	.88.	White	А	Zero		4	71% HRC	\$\$
High CAC Panels	FL	2'x2'x7/8" Paper-Back	Class A	488	.75	38/40	.88	White	B, C, D	Zero			71% HRC	\$\$
	FLB	2'x2'x7/8" Paper-Back	Class A	489	.75	38/40	.88	White	E, F, G	Zero			71% HRC	\$\$
Frost <i>ClimaPlus</i> High LR	SLB	2'x2'x3/4" Paper-Back	Class A	490	.70	38	.88.	White	A	Zero		4	71% HRC	\$\$
	FLB	2'x2'x3/4" Paper-Back	Class A	491	.70	38/40	.88	White	E, F, G	Zero		4	71% HRC	\$\$
	Legend													
	Classified as by the Collab	Emissions (VOC Cla zero-emitting per sta porative for High-Perf wing California Speci ods.	ındards establis ormance Schoo	hed Conta	ins a broad- face and ba nteed resista	uperior Perf spectrum antir ck of the pane ance against th	nicrobial trea I that provide	tment Classifi s recycle nold on prod pre-cor	d content. Tot luct composit	ed Content ning greater that tal recycled contion of post-contion of post-continuous recycles.	ntent is based nsumer and			
	<b>A</b> DX®/DXL™	B Centricitee™ DXT	C FINELINE® DXF	D FINELIN DXFF	E® 1/8	<b>E</b> Centricitee™ DXT	FINELINE®	<b>G</b> Fineline <sup>©</sup> DXFF	® 1/8					
Grid Profile Options														

Product literature

Data sheet: SC1968

ASTM E1264 classification Type III, Form 4, Pattern E

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.65-1.76 lb./sq. ft.

Thermal resistance R-1.7

Maximum backloading See Warranty for details

Maintenance Can be cleaned easily with

a soft brush or vacuum.

**Texture**The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

 Applies when USG acoustical ceilings recycling program is utilized.
 For details, see LEED report generator at usgdesignstudio.com. 3. Item Nos. 418, 419, 488 and 489 achieve 40 CAC when installed with FINELINE OF FINELINE 1/8 suspension system.

4. LR values are shown as averages. 5. See Colors selector for more information.

6. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew.

For details, see Ceiling Systems Warranties and Limitations (SC2102) and CLIMAPLUS Ceilings Certification of Performance (SC2451).

7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Frost<sup>™</sup> ClimaPlus<sup>™</sup> High-NRC/High-CAC









FROST Panels with *CLIMAPLUS* Superior Performance Donn FineLine 1/8 DXFF Suspension System

#### **LEED Credits**

Recycled Content: 71% Rapidly Renewable Materials: 12% CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•		•	•	•	•	•

#### **Features and Benefits**

- Single ceiling panel solution with an excellent combination of noise reduction (NRC-.75) and sound attenuation (CAC-40) for use in mixed (open plan/closed plan) office design
- Zero VOC emissions exceeds the most stringent air quality standards
- High light-reflective finish (LR—.88) reduces light fixtures and energy use
- Damage resistant panels with integral color help to reduce the overall cost of ownership
- 30-year lifetime system warranty against visible sag, mold, and mildew

#### **Applications**

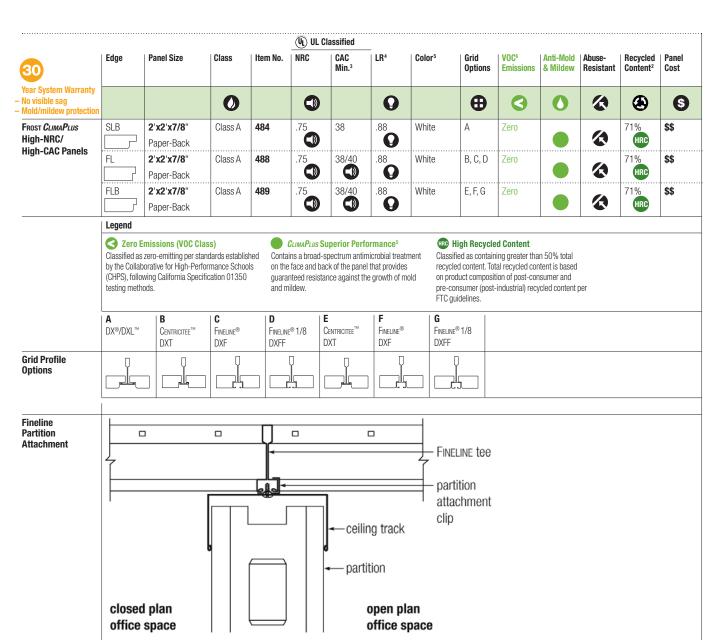
- Mixed office design
- Closed or open plan offices
- Healthcare HIPAA requirements
- Classrooms ANSI S12.60 classroom guidelines
- Government projects ACOE performance requirements
- Conference and lobby areas

#### Substrate

- Cast mineral fiber







- Single panel solution for High-NRC (absorption) and High-CAC (privacy) allowing complete flexibility of partition placement.
- Fineline grid allows for easy partition attachment (see detail above) and space reconfiguration
- Provides room-to-room privacy with no need for additional framing (wall partitions run flush to the face of Fineline grid see detail above)
- System creates a seamless transition between open and closed plan office spaces

#### Product literature

Data sheet: SC2502

ASTM E1264 classification Type III, Form 4, Pattern E

#### ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Weight

1.76 lb./sq. ft.

Thermal resistance

#### Maximum backloading

See Warranty for details

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

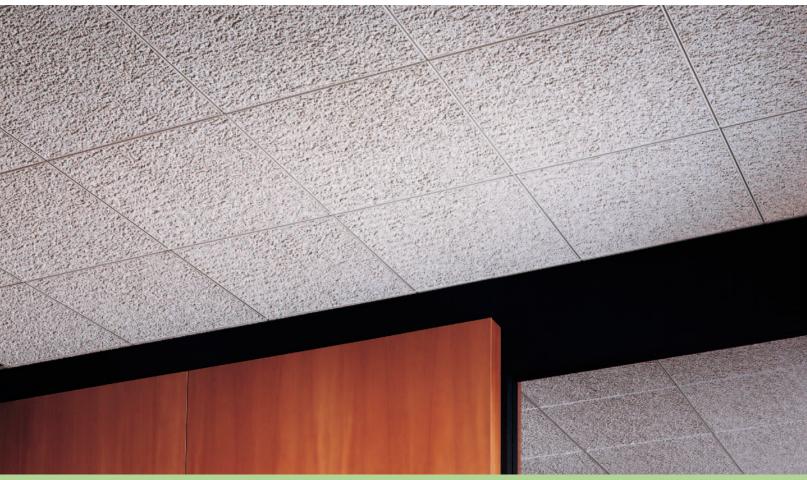
Applies when USG acoustical ceilings recycling program is utilized.
 For details, see LEED report generator at usgdesignstudio.com.
 Item Nos. 488 and 489 achieve
 40 CAC when installed with FineLine or FineLine 178 suspension system.
 4. It values are shown as averages.
 5. Panel face and back surfaces treated with a patented, broadspectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew.
 For details, see Ceiling Systems
 Warranties and Limitations (SC2102) and CumAPus Ceilings Certification of Performance (SC2451).

6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.









Donn Fineline DXFF Suspension System

#### **LEED Credits**

Recycled Content: 70% - 71%

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

## **Features and Benefits**

- Heavily textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum
- Combine 12"x12" tile with the Donn® brand DX®/DXL<sup>™</sup> concealed suspension system to create a monolithic ceiling surface
- Integral color masks nicks and scratches and enhances lifelong panel appearance
- Optional  $\mathsf{Firecode}^{\scriptscriptstyle\mathsf{TM}}$  formulation designed to meet life safety codes

#### **Applications**

- Food courts
- Hospitality
- Libraries
- Restaurants

#### Substrate

- Cast mineral fiber

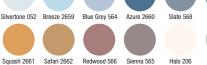


#### To order samples, go to usg.com

See individual items for color availability.









Mist 053



• • • • • • • • • • • • • • • • • • • •					(I) ULC	lassified							
	Edge	Panel Size	Class	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color <sup>4</sup>	Grid Options	V0C <sup>8</sup> Emissions	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
			0		0		0		•	3	4	<b>(A)</b>	8
GLACIER Panels	SL	2'x2'x3/4" Foil-Back	Class A	707	.65	35	.70	White Standard Advantage	А	Zero	4	71%	\$\$
		<b>2'x2'x3/4"</b> Foil-Back	0	715	.65	35	.70	White	A	Zero	4	70% HRC	\$\$
		2'x4'x3/4" Foil-Back	Class A	711	.65	35	.70	White	A	Zero	4	71% HRC	\$\$
	FL	2'x2'x3/4" Foil-Back	Class A	708	.65	35	.70	White Standard Advantage	B, C, D	Zero	4	71%	\$\$
GLACIER TIIe 5,6,7	SESK	12"x12"x3/4"	Class A	701	.65	25	.70	White	Е	Zero	4	71% HRC	\$\$\$\$
	Classified as by the Collab	Emissions (VOC Class) Szero-emitting per standard Jorative for High-Performan wing California Specificatio Jods.	s established ( ice Schools r n 01350 (	HRO High Rec Classified as co ecycled conten on product com ore-consumer ( FTC guidelines.	ntaining great it. Total recycle position of po	ter than 50% ed content is st-consumer	based and						
	<b>A</b> DX®/DXL™	B C Centricitee™ Fin DXT D)	NELINE® F	) Ineline® 1/8 IXFF	<b>E</b>   DX®/DXL™   Concealed								
Grid Profile Options													

Product literature

Data sheet: SC1819

**ASTM E1264 classification** Type III, Form 4, Pattern F

ASTM E84 surface burning

characteristics Class A

Flame spread: 25

Smoke developed: 50

Weight

1.45 lb./sq. ft. (Class A panels and tile)
1.50 lb./sq. ft. (Firecode panel)

Thermal resistance

R-1.7 (Class A) R-1.3 (FIRECODE)

### Maximum backloading

See Warranty for details

Maintenance Can be cleaned easily with a soft brush or vacuum.

Texture
The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

 Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. LR values are shown as averages.
 See Colors selector for more

information.

 Texture appearance will vary based on ceiling height, installation methods, and natural variation of the product.

6. Contact USG for adhesive recommendation for 12" x 12" glue-up

applications.
7. Not UL Classified for acoustics.

8. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Halcyon<sup>™</sup> ClimaPlus<sup>™</sup> Logix<sup>™</sup> Panels





 $2' \times 6' \; \text{Halcyon} \; \textit{CLimaPLus} \; \text{field} \; \text{panels}, \\ 6" \times 48" \; \text{Halcyon} \; \textit{CLimaPLus} \; \text{channel panels}, \\ \text{FineLine} \; \text{DXF} \; \text{suspension} \; \text{system}$ 

#### **LEED Credits**

Recycled Content: 40% – 41%
LEED Recycled Content Contribution: 40% – 41%
CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ					
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance			
	•	•			•				

#### **Features and Benefits**

- Compatible with the Logix integrated ceiling system
- Monolithic, structured ceiling visual using standard components
- High light-reflective finish (LR-.88) reduces light fixtures and energy use
- Washable and scrubbable finish impact and scratch resistant
- CLIMAPLUS™ 30-year lifetime system warranty against visible sag, mold and mildew

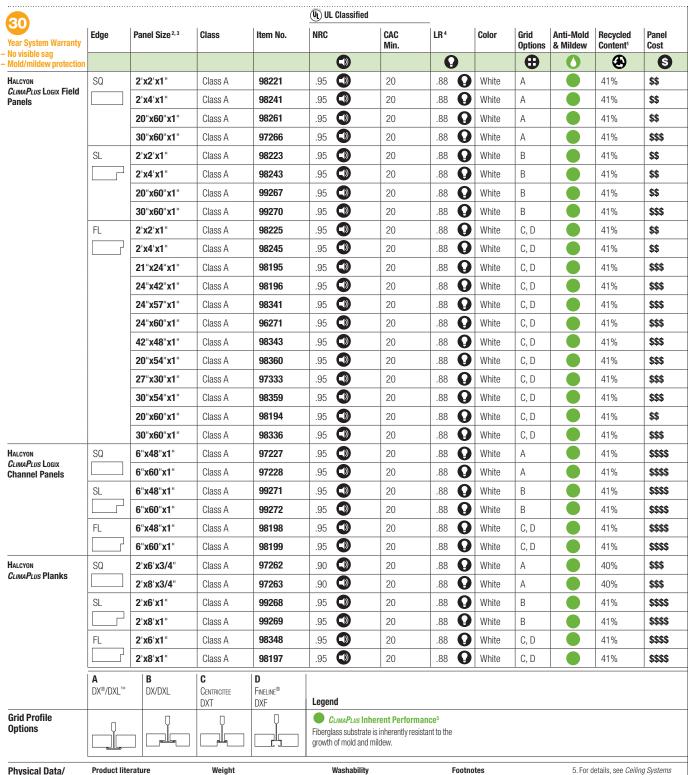
#### **Applications**

- Open-plan offices
- Reception and lobby areas
- Media centers and libraries
- Airports
- Spaces with indirect or natural lighting

#### Substrate

- Fiberglass





Footnotes

Data sheet: SC2518

**ASTM E1264 classification** Type XII, Form 2, Pattern E & G

**ASTM E84 surface burning** characteristics

Class A Flame spread: 25 Smoke developed: 50

0.38 lb./sq. ft. (3/4" panels) 0.47 lb./sq. ft. (1" panels)

Thermal resistance R-3.3 (3/4" panels)

R-4.4 (1" panels) Scrubbability

Exceeds 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486)

Exceeds 1000+ wash cycles without surface break or the extent of abrasion (ASTM D4828)

Maintenance Can be cleaned easily with a

**Maximum backloading** See Warranty for details.

soft brush or vacuum.

1. For details, see LEED report generator at usgdesignstudio.com 2. Custom-size panels available. Please contact your USG sales representative for details.

3. Stabilizer bars recommended for panels 5' and longer. See USG parts list IC532 for details.

4. LR values are shown as averages.

Warranties and Limitations (SC2102) and CumaPus Ceilings Certification of Performance (SC2451).

## Mars ClimaPlus







Mars Panels with *ClimaPlus* Superior Performance/ DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 76%

CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ					
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical   Performance		
•	•	•	•	•	•	•		

#### **Features and Benefits**

- Excellent noise reduction (NRC .70)
- High light-reflective finish (LR–.89) reduces light fixtures and energy use
- Washable and scrubbable finish impact and scratch resistant
- Meets USDA/FSIS guidelines for use in food processing areas
- Coordinates visually with  $\ensuremath{\mathsf{HALCYON}}$  for open/closed plan applications
- Non-directional, monolithic visual reduces installation time and waste
- $\textit{CLIMAPLUS}^{\text{TM}}$  30-year lifetime system warranty against visible sag, mold and mildew

## **Applications**

- Offices
- Healthcare
- Classrooms
- Corridors
- Reception areas and lobbies
- Department stores and retail
- Dining rooms, kitchens and food preparation areas

#### Substrate

- X-Technology mineral fiber



					(પા UL CI	assified							
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>6</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
ear System Warranty o visible sag lold/mildew protection			0		<b>3</b>		0		•	3	0	<b>(4)</b>	S
lars <i>ClimaPlus</i> anels	SQ	2'x2'x3/4"	Class A	86185	.70	35	.89	White	A, B, C	Low		76% HRC	\$\$
		2'x4'x3/4"	Class A	88185	.70	35	.89	White	A, B	Low		76% HRC	\$\$
	SLT	2'x2'x3/4"	Class A	86785	.70	35	.89	White	D	Low		76% HRC	\$\$
		2'x4'x3/4"	Class A	88785	.70	35	.89	White	D	Low		76%	\$\$
	FLB	2'x2'x3/4"	Class A	86985	.70	35	.89	White	E, F, G	Low		76%	\$\$
		2'x4'x3/4"	Class A	88985	.70	35	.89	White	E, F, G	Low		76%	\$\$
		30"x30"x3/4"	Class A	86830	.70	35	.89	White	E, F, G	Low		76%	\$\$
	Legend												
	Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.												
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	CENTRICITEET DXT	D DX/DXI	L CE	NTRICITEE	<b>F</b>   Fineline®   DXF	G FINELINE® 1/8 DXFF					
rid Profile ptions													

#### Product literature

Data sheet: SC1966

#### ASTM E1264 classification Type IV, Form 1 and 2, Pattern E, G

ASTM E84 surface burning

## characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Weight

.96-1.05 lb./sq. ft.

### Thermal resistance

R-2.2

#### Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Scrubbability

Exceeds 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486).

Exceeds 1000+ wash cycles without surface break or the extent of abrasion (ASTM D4828).

**Water resistance** Absorption of 1,660 gm/m² per Cobb test (T441 om-84).

#### Cleaning recommendations

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless

- disinfectants include: – Hydrogen peroxide
- Isopropyl alcohol
   Quaternary ammonium
- Sodium hypochlorite

Patented technology
This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.

4. LR values are shown as averages. 5. Panel face and back surfaces treated with a patented, broad spectrum antimicrobial standard formulation that inhibits and retards the growth of mold, mildew and bacteria. For details,

see Ceiling Systems Warranties and Limitations (SC2102) and CLIMAPLUS

Ceilings Certification of Performance (SC2451).

6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Mars<sup>™</sup> ClimaPlus<sup>™</sup> High-NRC







Mars High-NRC Panels with *CLIMAPLUS* Superior Performance/ DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 77%

CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ					
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Daylight Acoustical Materials and Views Performan				
•	•	•	•	•	•	•		

#### **Features and Benefits**

- Excellent noise reduction (NRC-.80)
- High light-reflective finish (LR–.89) reduces light fixtures and energy use
- Washable and scrubbable finish impact and scratch resistant
- Meets USDA/FSIS guidelines for use in food processing areas
- Coordinates visually with HALCYON for open/closed plan applications
- Non-directional, monolithic visual reduces installation time and waste
- CLIMAPLUS™ 30-year lifetime system warranty against visible sag, mold and mildew

#### **Applications**

- Offices
- Healthcare
- Classrooms
- Corridors
- Reception areas and lobbies
- Department stores and retail
- Dining rooms, kitchens and food preparation areas

#### Substrate

X-Technology mineral fiber



80	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>6</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
ar System Warranty visible sag old/mildew protection			0				0		•	3	0	<b>(A)</b>	6
ARS <i>CLIMAPLUS</i> gh-NRC Panels	SQ	2'x2'x7/8"	Class A	86100	.80	35	.89	White	A, B, C	Low		77% HRC	\$\$
		2'x4'x7/8"	Class A	86300	.80	35	.89	White	A, B	Low		77% HRC	\$\$
	SLT	2'x2'x7/8"	Class A	87200	.80	35	.89	White	D	Low		77% HRC	\$\$
		2'x4'x7/8"	Class A	89600	.80	35	.89	White	D	Low		77% HRC	\$\$
		30"x30"x7/8"	Class A	86500	.80	35	.89	White	D	Low		77% HRC	\$\$
	FLB	2'x2'x7/8"	Class A	87100	.80	35	.89	White	E, F, G	Low		77% HRC	\$\$
		2'x4'x7/8"	Class A	89500	.80	35	.89	White	E, F, G	Low		77% HRC	\$\$
		30"x30"x7/8"	Class A	86400	.80	35	.89	White	E, F, G	Low		77% HRC	\$\$
	Legend												
	Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Classified as low-emitting per standards established on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.												
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	CENTRICITEET DXT	D DX/DXI	_   <b>E</b> _   C <sub>E</sub>   DX	ntricitee (T	FINELINE®	G FINELINE® 1/8 DXFF					
d Profile tions									1				

#### Product literature

Data sheet: SC2487

#### ASTM E1264 classification Type IV, Form 1 and 2, Pattern E, G

ASTM E84 surface burning

characteristics Class A Flame spread: 25

#### Smoke developed: 50 Weight

.96-1.05 lb./sq. ft.

#### Thermal resistance

R-2.2

#### Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Scrubbability

Exceeds 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486).

Exceeds 1000+ wash cycles without surface break or the extent of abrasion (ASTM D4828).

**Water resistance** Absorption of 1,660 gm/m² per Cobb test (T441 om-84).

#### Cleaning recommendations

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless

- disinfectants include: – Hydrogen peroxide
- Isopropyl alcohol
   Quaternary ammonium
- Sodium hypochlorite

Patented technology
This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.

4. LR values are shown as averages. 5. Panel face and back surfaces treated with a patented, broad spectrum antimicrobial standard formulation that inhibits and retards the growth of mold, mildew and bacteria. For details, See Ceiling Systems

Warranties and Limitations (SC2102) and ClimaPlus Ceilings Certification of Performance (SC2451). 8. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

## Mars<sup>™</sup> ClimaPlus<sup>™</sup> Planks



HRC

**High Recycled Content** 





Mars Planks with *CLIMAPLUS* Superior Performance/ DONN Centricitee DXT Suspension System

#### **LEED Credits**

Recycled Content: 76% – 77%
LEED Recycled Content Contribution: 38% – 38.5%
CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Acoustical Performance		
•	•	•	•	•	•	•	

#### **Features and Benefits**

- Highest NRC (.80) mineral fiber plank offering available
- High light-reflective finish (LR–.89) reduces light fixtures and energy use
- Washable and scrubbable finish—impact and scratch resistant
- $-\,77\%$  pre-consumer recycled content
- Non-directional, monolithic visual reduces installation time and waste
- CLIMAPLUS™ 30-year lifetime system warranty against visible sag, mold and mildew

## **Applications**

- Offices
- Classrooms
- Heathcare
- Corridors
- Reception and lobby areas
- Conventions halls and concourses

#### Substrate

X-Technology mineral fiber



					(I) UL Cla	assified	_						
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR⁴	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty No visible sag Mold/mildew protection			0		•		0		•	3	0	<b>(4)</b>	6
Mars <i>ClimaPlus</i> Planks	SQ	2'x5'x3/4"	Class A	86221	.70	35	.89	White	A, B	Low		76%	\$\$
	SLT	2'x5'x3/4"	Class A	86161	.70	35	.89	White	С	Low		76%	\$\$
	FLB	2'x5'x3/4"	Class A	88984	.70	35	.89	White	D, E, F	Low		76%	\$\$
Mars <i>ClimaPlus</i> High-NRC Planks	SQ	2'x5'x7/8"	Class A	86350	.80	35	.89	White	A, B	Low		77%	\$\$
	SLT	2'x5'x7/8"	Class A	89650	.80	35	.89	White	С	Low		77% HRC	\$\$
	FLB	2'x5'x7/8"	Class A	89550	.80	35	.89	White	D, E, F	Low		77%	\$\$
!	Legend												
	Classified as low-emitting per standards established by the Collaboration Ferformance Schools (CHPS), following California Specification 01350 testing methods.  CLIMAPLUS Superior Performance Superi												
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	C DX/DXL	D Centricit DXT	EE FINE	ELINE®	F FINELINE® 1/8 DXFF						
Grid Profile Options													

#### Product literature

Data sheet: SC2509

## **ASTM E1264 classification** Type IV, Form 1 and 2, Pattern E, G

ASTM E84 surface burning

## characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Weight

.96-1.05 lb./sq. ft.

#### Thermal resistance

R-2.2

#### Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Scrubbability

Exceeds 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486)

#### Washability

Exceeds 1000+ wash cycles without surface break or the extent of abrasion (ASTM D4828)

**Water resistance** Absorption of 1,660 gm/m² per Cobb test (T441 om-84)

#### Cleaning recommendations

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Hydrogen peroxide
- Isopropyl alcoholQuaternary ammonium - Sodium hypochlorite

#### Patented technology

This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.

4. LR values are shown as averages. 5. Panel face and back surfaces treated with a patented, broad spectrum anti-microbial standard formulation that inhibits and retards the growth of mold, mildew and bacteria. For details, See Ceiling Systems Warranties and Limitations (SC2102) and ClimaPlus Ceilings Certification of Performance (SC2451).

6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

## Mars<sup>™</sup> Healthcare









Mars with *ClimaPlus* Superior Performance/ Donn DX/DXL Suspension System

#### LEED Credits

Recycled Content: 76% – 77%
LEED Recycled Content Contribution: 38% – 38.5%

CLIMAPLUS Superior Performance for Mold, Mildew and Bacteria

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•	•	•		•	

### **Features and Benefits**

- High light-reflective finish (LR—.89) reduces light fixtures and energy use
- Washable and scrubbable finish—impact and scratch resistant
- Meets USDA/FSIS guidelines for use in foodprocessing areas
- Achieves FDA standards of smooth, durable and easily cleanable
- Safe for use with common disinfectants\*
- Non-directional, monolithic visual reduces installation time and waste
- CLIMAPLUS™ 30-year lifetime system warranty against visible sag, bacteria, mold and mildew

#### **Applications**

- Patient rooms
- Treatment rooms
- Nurses' stations
- Emergency rooms
- Corridors
- Lavatories and restrooms
- Kitchen/food-prep areas

#### Substrate

X-Technology mineral fiber



					િ UL CI	assified							
30 Year System Warranty	Edge	Panel Size	Class <sup>3</sup>	Item No.	NRC	CAC Min.	LR <sup>4</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
No visible sag Mold/mildew/bacteria protection			0		0		O		•	3	0	<b>(A)</b>	6
Mars ClimaPlus Panels	SQ	2'x2'x3/4"	Class A	86185	.70	35	.89	White	A, B, C	Low	0	76% HRC	\$\$
		2'x4'x3/4"	Class A	88185	.70	35	.89	White	A, B	Low	0	76% HRC	\$\$
	SLT	2'x2'x3/4"	Class A	86785	.70	35	.89	White	D	Low	0	76% HRC	\$\$
		2'x4'x3/4"	Class A	88785	.70	35	.89	White	D	Low	0	76% HRC	\$\$
	FLB	2'x2'x3/4"	Class A	86985	.70	35	.89	White	E, F, G	Low	0	76% HRC	\$\$
		2'x4'x3/4"	Class A	88985	.70	35	.89	White	E, F, G	Low	0	76% HRC	\$\$
Mars <i>ClimaPlus</i> High-NRC Panels	SQ	2'x2'x7/8"	Class A	86100	.80	35	.89	White	A, B, C	Low	0	77% HRC	\$\$
		2'x4'x7/8"	Class A	86300	.80	35	.89	White	A, B	Low	0	77% HRC	\$\$
	SLT	2'x2'x7/8"	Class A	87200	.80	35	.89	White	D	Low	0	77% HRC	\$\$
		2'x4'x7/8"	Class A	89600	.80	35	.89	White	D	Low	0	77% HRC	\$\$
	FLB	2'x2'x7/8"	Class A	87100	.80	35	.89	White	E, F, G	Low	0	77% HRC	\$\$
		2'x4'x7/8"	Class A	89500	.80	35	.89	White	E, F, G	Low	0	77% HRC	\$\$
	Legend												
	Classified as by the Collab	Emissions (VOC Class low-emitting per stand borative for High-Perfowing California Speciolods.	andards establish formance School	hed Contair ols on the guaran	CLIMAPLUS Sup ns a broad-sp face and back nteed resistand mildew and ba	ectrum antim of the panel ce against the	nicrobial treatme that provides	ent Classified as recycled con on product c	Recycled Conte is containing great intent. Total recycle composition of pos eer (post-industria nes.	er than 50% tota ed content is bas st-consumer and	ed		
	A DX®/DXL™	<b>B</b> DXW™	C Centricitee™ DXT	D DX/DXL	L CE	ENTRICITEE	FINELINE®	G FINELINE® 1/8 DXFF					
Grid Profile Options													
Physical Data/ Footnotes	Product liter			nance cleaned easily w rush or vacuum.		Visually	open/closed) ap coordinates with	n Halcyon Thi	atented technolog nis product's unique sistance and sound	combination of sag	treated wit	ce and back su h a patented, br antimicrobial sta	road-

#### ASTM E1264 classification

Type IV, Form 1 and 2, Pattern E, G

#### ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Weight

.96-1.05 lb./sq. ft.

## Thermal resistance R-2.2

## Maximum backloading

See Warranty for details.

#### Scrubbability

Exceeds 1,000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486)

**Washability**Exceeds 1,000+ wash cycles without surface break or the extent of abrasion (ASTM D4828)

Water resistance Absorption of 1,660 gm/m² per Cobb test (T441 om-84)

#### Cleaning recommendations

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Hydrogen peroxide Isopropyl alcohol
- Quaternary ammonium Sodium hypochlorite

resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized.

2. For details, see LEED report generator, at usgdesignstudio.com. 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.

4. LR values are shown as averages.

spectrum antimicrobial standard formulation that inhibits and retards the growth of mold, mildew and bacteria. For details, see Ceilling Systems
Warranties and Limitations (SC2102)
and CLIMAPLIS Ceillings Certification
of Performance (SC2451). 6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Millennia "ClimaPlus"







 $\label{eq:linear_loss} \begin{tabular}{ll} MILLENNIA Panels with $\mathcal{CLIMAPLUS}$ Superior Performance/DONN DX/DXL Suspension System \\ \end{tabular}$ 

#### **LEED Credits**

Recycled Content: 75%

CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•	•	•	•	•	

## Features and Benefits

- Market's fastest-installing fine-textured ceiling is an economical alternative to face-laminated panels
- NRC meets general office acoustical needs for sound absorption
- CLIMAPLUS<sup>™</sup> 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/ 95% relative humidity without visible sag when used with a Donn<sup>®</sup> brand suspension system

#### **Applications**

- Retail stores
- Hospitality
- Office and conference areas
- Transportation terminals

#### Substrate

X-Technology mineral fiber





					(Ų) UL C	lassified							
80	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC¹0 Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
ar System Warranty ovisible sag old/mildew protection			0		•		0		•	3	0	<b>(A)</b>	6
ILLENNIA LIMA <b>P</b> LUS <b>Panels</b>	SQ	2'x2'x3/4"	Class A	76505	.70	35	.85	White	A, B, C	Low		75% HRC	\$\$
		2'x4'x3/4"	Class A	78505	.70	35	.85	White	A, B	Low		75% HRC	\$\$
	SLT	2'x2'x3/4"	Class A	76705	.70	35	.85	White	D	Low		75% HRC	\$\$
		2'x4'x3/4"	Class A	78705	.70	35	.85	White	D	Low		75% HRC	\$\$
	FLB	2'x2'x3/4"	Class A	76907	.70	35	.85	White	E, F, G	Low		75% HRC	\$\$
		2'x4'x3/4"	Class A	76901	.70	35	.85	White	E, F, G	Low		75% HRC	\$\$
IILLENNIA LIMA <b>P</b> LUS <b>TIIe</b> <sup>5,6</sup>	BESK	12"x12"x3/4"	Class A	70003	.60	40	.85	White	Н	Low		75% HRC	\$\$\$\$
lillennia <i>ClimaPlus</i> lusion Two/24 anels	SLT <sup>7</sup>	2'x4'x3/4"	Class A	78780	.70	35	.85	White	D	Low		75% HRC	\$\$
ne look of x2' panels	ILT <sup>8</sup>	2'x4'x3/4"	Class A	78080	.70	35	.85	White	I	Low		75% HRC	\$\$
	Illusion T	wo/24					'		'				
atterns													
	Legend												
	Classified as by the Collab	imissions (VOC Classiow-emitting per star sorative for High-Performing California Specifications.	ndards establis ormance Schoo	hed Contai ols on the guarar	ns a broad-sp face and bac	perior Perfo pectrum antim k of the panel ce against the	icrobial treatme that provides	nt Classified as recycled cor on product o	Recycled Conters s containing greate ntent. Total recycled composition of post er (post-industrial) les.	r than 50% tota d content is base t-consumer and	ed		
	A DX®/DXL™	<b>B</b> DXW™	CENTRICITEE DXT	M DX/DX	1 -	entricitee XT	Fineline®	G FINELINE® 1/8 DXFF	H DX®/DXL™ Concealed	CENTRICITEE DXT			
							T _		П				

#### Product literature

Data sheet: SC1824

#### ASTM E1264 classification Type III, Form 1, Pattern E, G

ASTM E84 surface burning

characteristics Class A

Flame spread: 25 Smoke developed: 50

Weight 1.02-1.05 lb./sq. ft. (panels and tile)

#### Thermal resistance

R-2.0

**Maximum backloading** See Warranty for details.

#### Maintenance

Can be cleaned easily with a soft brush or vacuum.

#### Patented technology

This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com
- 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.
- LR values are shown as averages.
   Contact USG for adhesive recommendations for 12"x12" glue-up applications.
  6. Not UL Classified for acoustics.
- 7. Panels have a 15/16" routing.
- 8. Panels have a 9/16" routing. 9. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards The growth of mold and mildew. For the growth of mold and mildew. For details, see Ceiling Systems Warranties and Limitations (SC2102) and CumaPus Ceilings Certification of Performance (SC2451).
- 10. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Millennia<sup>™</sup> ClimaPlus<sup>™</sup> High-NRC







MILLENNIA High-NRC Panels with CLIMAPLUS Superior Performance/DONN FINELINE DXF Suspension System

#### **LEED Credits**

Recycled Content: 75%

CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
	•	•	•	•	•	•

#### **Features and Benefits**

- High NRC value without mechanical perforations
- NRC of .75 meets the demanding sound control needs of open-plan offices
- Market's fastest-installing fine-textured ceiling is an economical alternative to face-laminated panels.
- CLIMAPLUS<sup>™</sup> 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DoNN® brand suspension system

#### **Applications**

- Libraries
- Open-plan offices
- Reception and lobby areas
- Legal
- Financial institutions

#### Substrate

X-Technology mineral fiber





					(I) UL CI	assified								
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>6</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost	
Year System Warranty - No visible sag - Mold/mildew protection			0		0		0		<b>⊕</b>	3	0	<b>(4)</b>	6	
MILLENNIA CLIMAPLUS	SLT	2'x2'x3/4"	Class A	76201	.75	30	.87	White	A	Low		75% HRC	\$\$	
High-NRC Panels	FLB	2'x2'x3/4"	Class A	76302	.75	30	.87	White	B, C, D	Low		75% HRC	\$\$	
	Legend					·	'	1	'	1	I.	'		
	Classified as by the Collab (CHPS), follow													
	<b>A</b> DX®/DXL™	B Centricitee™ DXT	C FINELINE® DXF	D FINELINE® DXFF	1/8									
Grid Profile Options					ı									

Product literature

Data sheet: SC1851

ASTM E1264 classification Type III, Form 1, Pattern E, G

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight

1.06-1.09 lb./sq. ft.

Thermal resistance R-2.0

**Maximum backloading** See Warranty for details.

Maintenance

Can be cleaned easily with a soft brush or vacuum.

Patented technology

This product's unique combination of sag resistance and sound performance results from a technology covered by U.S. Patent No. 5,250,153.

Footnotes

 Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed

office spaces. LR values are shown as averages.
 Panel face and back surfaces treated with a patented, broad-spectrum

antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *Ceiling Systems Warranties and Limitations* Systems warrannes and crimatoris (SC2102) and CrimPtus Ceillings Certification of Performance (SC2451). 6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG

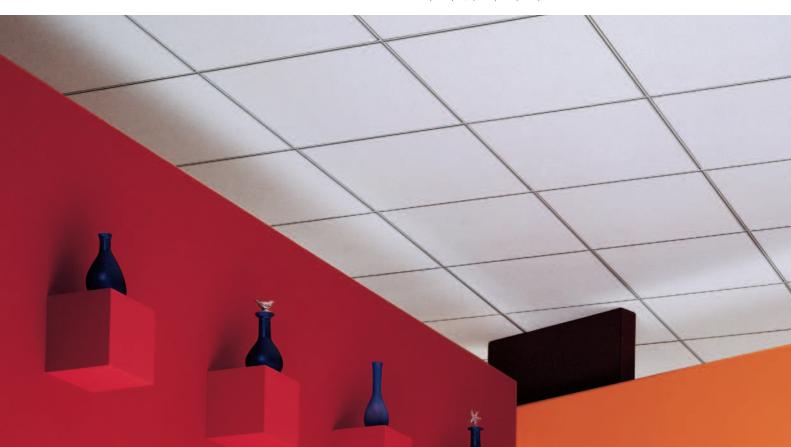
# Olympia Micro ClimaPlus





Year Availability

4211, 4221, 4231, 4411, 4421, 4742, 4744



OLYMPIA MICRO Panels with CLIMAPLUS Superior Performance Donn FineLine DXF Suspension System

#### **LEED Credits**

Recycled Content: 52% - 56% CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

#### **Features and Benefits**

- Nondirectional pattern reduces installation time and waste
- Economical, fine-textured panel.
- Excellent light reflectance enhances indirect lighting of a space
- Available with .60 NRC to assist in addressing HIPAA requirements (excludes items 4750 & 4751)
- CLIMAPLUS™ 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a Donn® brand suspension system

#### **Applications**

- Healthcare
- Classrooms
- Hotels
- Reception and lobby areas
- Restaurants
- Retail stores

#### Substrate

 Water-felted mineral fiber



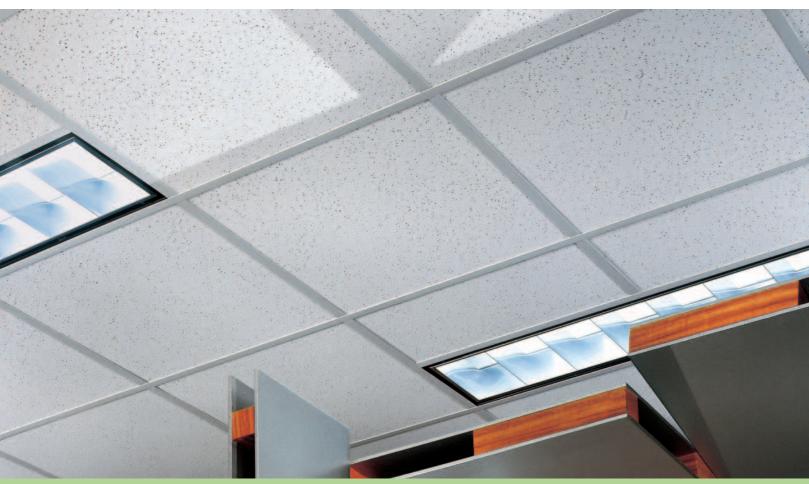
					િ UL CI	assified							
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>8</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
/ear System Warranty lo visible sag Mold/mildew protection			0		0		0		<b>B</b>	3	0	<b>(4)</b>	6
Olympia Micro ClimaPlus,	SQ	2'x2'x5/8"	Class A	4210	-	35	.87 😱	White	A, B, C	Low		52% HRC	\$\$
unperforated		2'x4'x5/8"	Class A	4913	_	35	.87 😱	White	A, B	Low		52% HRC	\$\$
OLYMPIA MICRO CLIMAPLUS Panels	SQ	2'x2'x5/8"	Class A	4211	.50	30	.87 🔾	White	A, B, C	Low		52% HRC	\$\$
50 NRC <sup>6</sup>		2'x4'x5/8"	Class A	4411	.50	30	.87 😱	White	A, B	Low		52% HRC	\$\$
	SLT	2'x2'x5/8"	Class A	4221	.50	35	.87 😱	White	D	Low		52% HRC	\$\$
		2'x4'x5/8"	Class A	4421	.50	35	.87 🔾	White	D	Low		52% HRC	\$\$
	FLB	2'x2'x5/8"	Class A	4231	.50	35	.87 😱	White	E, F, G	Low		52% HRC	\$\$
		2'x4'x5/8"	Class A	4431	.50	35	.87 😱	White	E, F, G	Low		52% HRC	\$\$
OLYMPIA MICRO CLIMAPLUS Panels	SQ	2'x2'x3/4"	Class A	4750	.60	33	.87 🔾	White	A, B, C	Low		56% HRC	\$\$
60 NRC <sup>6</sup>		2'x4'x3/4"	Class A	4751	.60	33	.87 😱	White	A, B	Low		56% HRC	\$\$
	SLT	2'x2'x3/4"	Class A	4752	.60	35	.87 😱	White	D	Low		56% HRC	\$\$
		2'x4'x3/4"	Class A	4753	.60	35	.87 😱	White	D	Low		56% HRC	\$\$
	FLB	2'x2'x3/4"	Class A	4754	.60	35	.87 😱	White	E, F, G	Low		56% HRC	\$\$
		2'x4'x3/4"	Class A	4755	.60	35	.87 😱	White	E, F, G	Low		56% HRC	\$\$
DLYMPIA MICRO CLIMAPLUS Illusion Two/24 Panels	SLT <sup>4</sup>	2'x4'x3/4"	Class A	4742	.50	35	.87	White	D	Low		52%	\$\$
The look of 2'x2' panels	ILT <sup>5</sup>	2'x4'x3/4"	Class A	4744	.50	35	.87	White	E, H	Low		52%	\$\$
	Illusion Two	0/24											
Patterns	Legend												
	Classified as low by the Collabora	ssions (VOC Class v-emitting per standa tive for High-Perforn g California Specifica s.	ards established nance Schools	Contains on the fac	e and back of ed resistance	rum antimicr the panel tha	obial treatment	Classified recycled on produ	content. Total r ct composition umer (post-ind	Content greater than 50 ecycled content of post-consum ustrial) recycled	is based ner and		
	<b>A</b> DX®/DXL™	<b>B</b> DXW™	<b>C</b> Centricitee <sup>™</sup> DXT	D DX/DXL	<b>E</b> Centr DXT	RICITEE	<b>F</b> Fineline <sup>®</sup> DXF	G FINELINE® 1 DXFF	/8   H Centri DXT	CITEE			
Grid Profile Options													
Physical Data/ Footnotes	Product literatu Data sheet: SC2 ASTM E1264 cla Type III, Form 2, ASTM E84 surfa characteristics Class A Flame spread: 2 Smoke develope	assification Pattern CE ce burning	See Warrar <b>Maintenan</b> Can be clea	sistance ' panels) ' panels) backloading by for details.	h	ceilings re 2. For deta generator 3. LR value 4. Panels h 5. Panels h 6. Mixing	when USG acous cycling program ills, see LEED rep at usgdesignstur ses are shown as have 15/16" routin ave 9/16" routin 50 and .60 NRC   e ceiling plane is ded	is utilized. port dio.com. averages. ing. g. panels	treated with a spectrum anti- formulation that the growth of a details, see Ce and Limitation	and back surface patented, broad- microbial standar at inhibits and re mold and mildew illing Systems W. s (SC2102) and ication of Perform	to a rd ma dards fiberaterds fiberaterds marker marker fiberater marker fiberater marker fiberater fiberat	No formaldehyde is any ingredient or du nufacturing proces er acoustical ceiling inufactured by USG	ring the s for all minera products

## Radar ClimaPlus





2210, 2215, 2220, 2225, 2230, 2410, 2415



RADAR Panels with *CLIMAPLUS* Superior Performance/ DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 25% – 50%

CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•	•	•

#### **Features and Benefits**

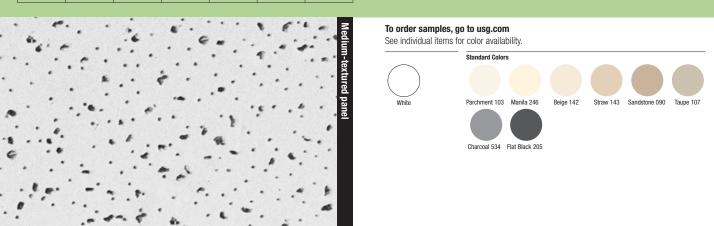
- Non-directional pattern
- CLIMAPLUS<sup>™</sup> 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DoNN<sup>®</sup> brand suspension system
- Optional Firecode<sup>TM</sup> formulation
- High-durability panels are 55% more durable than standard panels

#### **Applications**

- Schools
- Corridors
- Lobby areas
- Offices
- Retail stores

#### Substrate

 Water-felted mineral fiber



					(I) UL C	lassified								
30	Edge	Panel Size Imperial Metric (mm) <sup>3</sup>	Class <sup>4</sup>	Item No. Imperial Metric	NRC	CAC Min.	LR <sup>5</sup>	Color <sup>6</sup>	Grid Options	VOC Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>7</sup>	Panel Cost
Year System Warranty - No visible sag - Mold/mildew protection			0		0		0		<b>⊕</b>	3	0	4	<b>(4)</b>	•
RADAR <i>CLIMAPLUS</i> Panels	SQ	2'x2'x5/8"	Class A	2210	.55	33	.84	White Standard	A, B	Low			28 – 44%	\$
		2'x2'x5/8"	0	2215	.55	35	.84	White	А	Low			48 – 50%	\$
		<b>2'x4'x5/8</b> " 600x1200x15	Class A	<b>2410</b> ME2410	.55	35	.84	White Standard	A	Low			28 – 44%	\$
		2'x4'x5/8"	0	2415	.55	35	.84	White Flat Black Charcoal	A	Low			48 – 50%	\$
		2'x4'x5/8"	Class A	2410P8	.55	35	.85	White	A, B	Low			25%	\$
	SLT	<b>2'x2'x5/8</b> " 600x600x15	Class A	<b>2220</b> ME2220	.55	33	.84	White Standard Flat Black/ Charcoal not available	С	Low			28 – 44%	\$
		2'x2'x5/8"	0	2225	.55	35	.84	White	С	Low			48 – 50%	\$
		2'x4'x5/8"	Class A	2420	.55	35	.84	White	С	Low			28 – 44%	\$
		2'x4'x5/8"	0	2425	.55	35	.84	White	С	Low			48 – 50%	\$
	FLB	2'x2'x5/8"	Class A	2230	.55	33	.84	White	D, F, G	Low			28 – 44%	\$
		2'x2'x5/8"	0	2235	.55	35	.84	White	D, F, G	Low			48 – 50%	\$
RADAR <i>CLIMAPLUS</i> High-Durability Panels	SQ	2'x2'x5/8"	Class A	2207	.55	35	.84	White	A, B	Low		4	31%	\$
Tunois		2'x4'x5/8"	Class A	2407	.55	35	.84	White	A, B	Low		4	31%	\$
	SLT	2'x2'x5/8"	Class A	2227	.55	35	.84	White	С	Low		4	31%	\$
	Legend													
	Classified as Collaborative	missions (VOC Clas low-emitting per stand for High-Performance ecification 01350 test	dards establish Schools (CHF		Contains a face and b		m antimicrol el that provid	oial treatment on the es guaranteed resid						
	<b>A</b> DX®/DXL™	B Centricitee™ DXT	C DX/DXL	D Centric DXT		E Centricitee DXLT	FINELINE®	G FINELINE® DXFF		neline® XLF				
Grid Profile Options														
Physical Data/ Footnotes	Product litera Data sheet: S ASTM E1264 Type III, Form ASTM E84 sur characteristic Class A Flame spread Smoke develo	C2127  classification 2, Pattern C, D, E  rface burning :s	Thermal R-1.4 (5 R-1.6 (Fi Maximul See ward Mainten Can be d	5 lb./sq. ft.  resistance /8" Class A pan necode panels) m backloading ranty for details ance leaned easily w ush or vacuum.		impact test.  Footnotes  1. Applies wh ceilings recy 2. Dependen Sustainability 3. Metric ava 4. Fire-rated	7 – falling-bal nen USG acou cling program t on location; v selector. ilable in White	stical is utilized. see only. design details.	information. 7. For detail. 8. Includes   Gardner-Scr to 3,000 cyr 9. SF = stap. 10. Not UL ( 11. Panel fa treated with	s, see Sustainabi plastic coating, rubbability tested cles (ASTM D246	ility selector.	and mildew. Fo Systems Warra (SC2102) and of Certification of 12. No formald ngredient or di process for all i	ards the growth or details, see Ce. noties and Limita CumAPus Ceiling Performance (SC ehyde is added t uring the manufa mineral fiber aco s manufactured nc.	illing tions is C2451). to any acturing justical

# Radar ClimaPlus High-CAC, High-NRC









RADAR High-NRC Panels with *CLIMAPLUS* Superior Performance/DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 44% – 58%

CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•			

#### Features and Benefits

- Non-directional all-purpose ceiling pattern
- Available with 40 CAC for increased room-to-room speech privacy and .70 NRC for greater sound control in open-plan areas
- CLIMAPLUS™ 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DONN® brand suspension system
- Firecode<sup>™</sup> formulation designed to meet life safety codes
- High-NRC/High-CAC Formulation helps comply with ANSI S 12.60 classroom guidelines

#### **Applications**

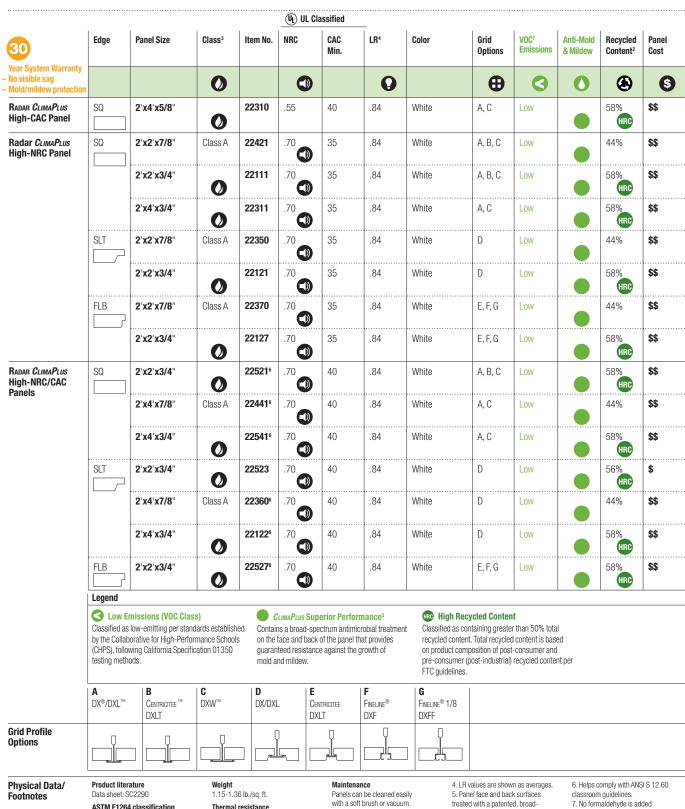
- Classrooms
- Conference rooms
- Open office plans
- Privacy rooms

#### Substrate

Water-felted mineral fiber







**ASTM E1264 classification** Type III, Form 2, Pattern CDE

ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

#### Thermal resistance R-1.6 (5/8" panels) R-1.9 (3/4" panels) R-1.8 (7/8" panels)

Maximum backloading See Warranty for details.

#### Footnotes

Applies when USG acoustical ceilings recycling program is utilized 2. For details, see LEED report generator at usgdesignstudio.com. 3. Fire-rated items: See UL design details.

5. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see Ceiling Systems Warranties and Limitations (SC2102) and CumAPLUS Ceilings Certification of Performance (SC2451).

classroom guidelines.

7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

### Radar Education







RADAR High-NRC/High-CAC Panels with DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 31% – 58%
LEED Recycled Content Contribution: 19% – 29%
CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
	•	•	•	•	•	•

#### **Features and Benefits**

- Excellent sound absorption
- Available with 40 CAC for increased room-to-room speech privacy and .70 NRC for greater sound control in classrooms
- High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines (LEED for Schools)
- High-durability panels are 55% more durable than standard panels
- Non-directional pattern reduces installation time and waste
- CLIMAPLUS™ 30-year lifetime system warranty against visible sag, mold and mildew
- Optional Firecode formulation designed to meet lifesafety codes

#### **Applications**

- Classrooms
- Administration offices
- Nurses' offices
- Guidance offices
- Cafeterias
- Music rooms
- Corridors
- Libraries/media rooms

#### Substrate

Water-felted mineral fiber

#### To order samples, go to usg.com



ium-textured panel

	Edge	Panel Size	Class <sup>3</sup>	Item No.	NRC	CAC	LR4	Color	Grid	VOC	Anti-Mold	Abuse-	Recycled	Panel
30	Eage	Pallel Size	Glass	item no.	NKU	Min.	LR	COIOT	Options	Emissions <sup>7</sup>	& Mildew	Resistant	Content <sup>2</sup>	Cost
ear System Warranty o visible sag old/mildew protection			0		•		O		<b>B</b>	3	0	4	<b>(2)</b>	8
Radar <i>ClimaPlus</i> High Durability	SQ	2'x2'x5/8"	Class A	2207	.55	35	.84	White	A, B, C	Low		4	31%	\$
(High traffic areas, corridors		2'x4'x5/8"	Class A	2407	.55	35	.84	White	A, B, C	Low		4	31%	\$
and cafeterias)	SLT	2'x2'x5/8"	Class A	2227	.55	35	.84	White	D	Low		4	31%	\$
Radar <i>ClimaPlus</i> High-NRC	SQ	2'x2'x7/8"	Class A	22421	.70	35	.84	White	A, B, C	Low			44%	\$\$
(Libraries, offices and classrooms)		2'x2'x3/4"	0	22111	.70	35	.84	White	A, B, C	Low			58% HRC	\$\$
	SLT	2'x2'x7/8"	Class A	22350	.70	35	.84	White	D	Low			44%	\$\$
		2'x2'x3/4"	0	22121	.70	35	.84	White	D	Low			58% HRC	\$\$
	FLB	2'x2'x7/8"	Class A	22370	.70	35	.84	White	E, F, G	Low			44%	\$\$
		2'x2'x3/4"	0	22127	.70	35	.84	White	E, F, G	Low			58%	\$\$
RADAR <i>CLIMAPLUS</i> High-NRC/	SQ	2'x4'x7/8"	Class A	22441 <sup>6</sup>	.70	40	.84	White	A, C	Low			44%	\$\$
High-CAC (Classrooms and		2'x4'x3/4"	0	22541 <sup>6</sup>	.70	40	.84	White	A, C	Low			58% HRC	\$\$
other core learning spaces)	SLT	2'x2'x3/4"	0	22523	.70	40	.84	White	D	Low			56% HRC	\$
		2'x4'x7/8"	Class A	22360 <sup>6</sup>	.70	40	.84	White	D	Low			44%	\$\$
		2'x4'x3/4"	0	22122 <sup>6</sup>	.70	40	.84	White	D	Low			58% HRC	\$\$
	Legend								1					
	Classified a by the Colla	Emissions (VOC Class low-emitting per state that the control of th	ndards establish ormance School	ned Contair s on the t guaran	is a broad-sp ace and back	perior Perfor ectrum antimi k of the panel to ce against the	crobial treatme hat provides	ent Class recyc on pr pre-c	led content. To oduct compos	ed Content ning greater than stal recycled con- ition of post-con- t-industrial) recyc	tent is based sumer and	er		
	<b>A</b> DX®/DXL™	B Centricitee™ DXLT	<b>C</b> DXW™	DX/DXL		ENTRICITEE XLT	FINELINE®  DXF	G FINELIN DXFF	E® 1/8					
rid Profile ptions								_						

Product literature

Data sheet: SC2514

#### ASTM E1264 classification

Type III, Form 2, Pattern CDE

#### ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.15-1.36 lb./sq. ft.

Thermal resistance R-1.6 (5/8" panels) R-1.9 (3/4" panels) R-1.8 (7/8" panels)

#### Maximum backloading See Warranty for details.

#### Maintenance

Panels can be cleaned easily with a soft brush or vacuum.

#### High durability panels Ball hardness as tested per ASTM C367.

Footnotes
1. Applies when USG acoustical ceilings recycling program is utilized.
2. For details, see LEED report generator, at usgdesignstudio.com. 3. Fire-rated items: See UL design

details.
4. LR values are shown as averages. 5. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew.

For details, see *Ceiling Systems*Warranties and Limitations (SC2102)
and CLIMAPLUS Ceilings Certification of Performance (SC2451).

6. Helps comply with ANSI S 12.60 classroom guidelines and LEED for Schools EQ prerequisite 3: Min. Acoustical Performance. 7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

## Renovations ClimaPlus







Renovations Panels with *ClimaPlus* Superior Performance Donn Fineline 1/8 DXFF Suspension System

#### **LEED Credits**

Recycled Content: 71%
LEED Recycled Content Contribution: 35.5%
Rapidly Renewable Materials 12%
CumaPtus Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•		•	•		•	•

#### **Features and Benefits**

- Single ceiling panel office renovation solution
- Excellent combination of noise reduction (NRC-.75) and room-to-room privacy (CAC-40) for use in open plan, closed plan or mixed plan office design
- High light-reflective finish (LR–.88) reduces light fixtures and energy use
- Damage resistant panels with integral color help to reduce the total cost of ownership
- Zero VOC emissions exceeds the most stringent air quality standards
- 30-year lifetime system warranty against visible sag, mold and mildew

#### **Applications**

- Office renovations
- Open office plan areas
- Private offices
- Mixed office design

#### Substrate

- Cast mineral fiber



UL Classified    Edge   Panel Size   Class   Item No.   NRC   CAC   LR4   Color5   Grid   VOC6   Anti-Mold   Abuse-   Recycled   Panel														
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR4	Color <sup>5</sup>	Grid Options	VOC <sup>6</sup> Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty  No visible sag  Mold/mildew protection			0		•		0		<b>⊕</b>	3	0	4	<b>(4)</b>	6
RENOVATIONS CLIMAPLUS Panels	SLB	2'x2'x7/8" Paper-Back	Class A	468	.75	38	.88	White	А	Zero		4	71% HRC	\$\$
	FLB	2'x2'x7/8" Paper-Back	Class A	469	.75	38/40	.88	White	B, C, D	Zero		4	71% HRC	\$\$
	Legend			'					'					
	Classified as by the Collab (CHPS), follow	Legend  Zero Emissions (VOC Class)  Classified as zero-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 and mildew.  Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Bigh Recycled Content  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.												
	<b>A</b> DX <sup>®</sup> /DXL <sup>™</sup>	B Centricitee™ DXT	C FINELINE® DXF	D Finelin DXFF	ıE <sup>®</sup> 1/8									
Grid Profile Options														

Product literature

Data sheet: SC2519

ASTM E1264 classification Type III, Form 4, Pattern E

ASTM E84 surface burning characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.76 lb./sq. ft.

Thermal resistance R-1.7

Maximum backloading See Warranty for details.

Maintenance Can be cleaned easily with a soft brush or vacuum.

**Texture**The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

 Applies when USG acoustical ceilings recycling program is utilized.
 For details, see LEED report generator at usgdesignstudio.com. 3. Item Nos. 468 and 469 achieve 40 CAC when installed with FINELINE or FINELINE 1/8 suspension system.
4. LR values are shown as averages 5. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *Ceiling Systems* Warranties and Limitations (SC2102) and CLIMAPLUS Ceilings Certification of Performance (SC2451).

6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

## Sandrift<sup>™</sup> ClimaPlus<sup>™</sup>









Sandrift Panels with *CLIMAPLUS* Superior Performance/ DONN DX/DXL Suspension System

#### **LEED Credits**

Recycled Content: 70%-71% CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance		
•	•	•	•		•	•		

#### **Features and Benefits**

- Uniquely textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum
- Integral color masks nicks and scratches.
- Optional  $\mathsf{Firecode}^\mathsf{TM}$  formulation designed to meet life safety codes
- CLIMAPLUS 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DONN® brand suspension system

#### **Applications**

- Conference and lobby areas
- Department stores
- Entertainment and gaming
- Executive offices
- Restaurants

#### Substrate

Cast mineral fiber





					(U) UL C	Classified								
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color <sup>4</sup>	Grid Options	V0C <sup>6</sup> Emissions	Anti-Mold & Mildew	Abuse Resistant	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty - No visible sag - Mold/mildew protection			0				0		<b>⊕</b>	3	0	4	<b>(4)</b>	6
Sandrift ClimaPlus Panels	SL	2'x2'x3/4" Paper-Back	Class A	808	.70	38	.83	White Standard Advantage	A	Zero		4	71%	\$\$
	FL	2'x2'x3/4" Paper-Back	Class A	809	.70	38	.83	White Standard Advantage	B, C, D	Zero		<b>&amp;</b>	71%	\$\$
SANDRIFT Non- <i>ClimaPlus</i> Panels	SL	2'x2'x3/4" Foil-Back	0	815	.55	35	.83	White	A	Zero		4	70%	\$\$
	Legend							<u>'</u>						
	Classified as zero-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Contains a broad-spectrum antimicrobial treatment classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.													
	A Donn® DX®/DXL™	B Centricitee <sup>™</sup> DXT	C FINELINE® 1/8 DXFF	B FINELINE DXF										
Grid Profile Options														

Product literature

Data sheet: SC1841

ASTM E1264 classification Type III, Form 4, Pattern Z

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight

1.65-1.70 lb./sq. ft. (Class A) FIRECODE weight

Thermal resistance

R-1.7 (Class A) R-1.3 (Firecode)

#### Maximum backloading

See Warranty for details

Maintenance Can be cleaned easily with a soft brush or vacuum.

Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

#### Footnotes

- Applies when USG acoustical ceilings recycling program is utilized.
  2. For details, see LEED report generator
- at usgdesignstudio.com.
- LR values are shown as averages.
   To highlight the unique texture of SANDRIFT CLIMAPLUS panels, choose light colors. See Colors selector for more information.

5. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see Ceiling Systems

Warranties and Limitations (SC2102) and CLIMAPLUS Ceillings Certification of Performance (SC2451).

6. No formaldehyde is added to any 6. No formation yet is adouted to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Sheetrock<sup>™</sup> Lay-In Ceiling Panel *ClimaPlus*<sup>™</sup>









SHEETROCK Lay-In Ceiling Panel, Vinyl, with CLIMAPLUS Performance/ DONN ZXLA Suspension System

#### **LEED Credits**

Recycled Content: 23% – 56% CLIMAPLUS No-Sag Warranty

MR				EQ					
Waste Reduction					Daylight and Views	Acoustical Performance			
	•	•	•	•	•	•			

#### **Features and Benefits**

- PVC-FREE panels feature a proprietary non-vinyl face material that is free of PVC and Phthalates
- Clean Room<sup>™</sup> panels can be used in clean room environments up to class 100
- Washable and scrubbable finish-impact and scratch resistant
- Panels meet USDA/FSIS requirements for food processing areas
- CLIMAPLUS<sup>™</sup> 30-year lifetime no-sag system warranty

#### **Applications**

- Kitchens and food preparation areas
- Restrooms and utility areas
- Locker rooms
- Parking garages
- Exterior protected soffits

#### Substrate

- Gypsum panel



					(VL) UL Cla	ssified	_					
30	Edge	Panel Size	Class <sup>2</sup>	Item No.	NRC <sup>3</sup>	CAC Min.	LR <sup>4</sup>	Color	Abuse- Resistant	Grid Options	Recycled Content <sup>1</sup>	Panel Cost
Year System Warranty No visible sag			0		0				4	•	<b>(A)</b>	S
SHEETROCK Lay-In Ceiling Panel <i>CLIMAPLUS</i> ,	SQ	2'x2'x1/2"	0	3260	_	35	.77	White	4	A, B, C, D	23%	\$
inyl .		2'x4'x1/2"	0	3270	_	40	.77	White	4	A, B, C, D	23%	\$
SHEETROCK Lay-In Ceiling Panel <i>ClimaPlus</i> , PVC-FREE <sup>7</sup>	SQ	2'x2'x1/2"	0	3220	_	35	.85	White	<b>②</b>	A, B, C, D	56% HRC	\$
		2'x4'x1/2"	0	3230	_	40	.85	White	4	A, B, C, D	56% HRC	\$
SHEETROCK Lay-In Ceiling Panel <i>ClimaPlus</i> , Clean Room <sup>5</sup>	SQ	2'x4'x1/2"	0	3200	_	40	.77	White	<b>&amp;</b>	A, B, C, D	23%	\$\$
	Classified as recycled cor on product of	Recycled Content s containing greater than 50% total itent. Total recycled content is base composition of post-consumer and er (post-industrial) recycled content ies.										
	A Donn <sup>®</sup> DX <sup>®</sup> /DXL <sup>™</sup>	$ \left  \begin{array}{c} \mathbf{B} \\ Donn^{\otimes} \; DXLA^{TM} \end{array} \right  \left  \begin{array}{c} \mathbf{C} \\ ZXLA^{TM} \end{array} \right  $	D DONN C	E <sup>™6</sup>								
Grid Profile Options												

Product literature

Data sheet: SC1820

ASTM E1264 classification Type XX, Pattern G

ASTM E84 surface burning

characteristics Class A

Vinyl Flame spread: 25 Smoke developed: 50 PVC-Free Flame spread: 25 Smoke developed: 50 CLEAN ROOM Flame spread: 25 Smoke developed: 50

Weight

1/2" = 2.00 lb./sq. ft.

#### Thermal resistance

1/2" = up to R-0.45

Maximum backloading See Warranty for details.

#### Maintenance

Can be cleaned easily with a damp sponge. Use mild detergent and water – do not use acetate, ammonia or high concentration of chlorine, bromide or other harsh chemicals.

#### Sustainability

No formaldehyde was added to any ingredient or during the manufacturing

#### U.S. Coast Guard acceptance

Approved for use on merchant ships.

#### Footnotes

- 1. For details, see LEED report generator at usgdesignstudio.com. 2. Fire-rated items: see UL design
- details.
  3. NRC rating is .10. USG does not consider a ceiling panel to be acoustically
- rated if NRC is less than .50
  4. LR values are shown as averages.
  5. Field-cut edges of CLEAN ROOM panels must be sealed with white latex paint.

  6. Clean-room-rated applications require a suspension system with gasketed tee

flanges such as DONN CE.

7. High Scrubbability/High Washability-PVC-FREE panels have been tested to withstand 10,000 scrub/wash cycles (ASTM D2486/ASTM D4828) 8. No formaldehyde is added to any ingredient or during the manufacturing process for all gypsum ceiling products manufactured by USG Interiors, Inc.

# Sheetrock<sup>™</sup> Lay-In Ceiling Panel ClimaPlus, PVC-FREE HIGH RECYCLED CONTENT







SHEETROCK Lay-In Ceiling Panel with CLIMAPLUS Performance/ DONN ZXLA Suspension System

#### **LEED Credits**

Recycled Content: 56%
CLIMAPLUS No-Sag Warranty

MR				EQ					
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Daylight Acoustical Materials and Views Performan					
	•	•	•	•	•	•			

#### **Features and Benefits**

- Proprietary non-vinyl face material is free of PVC and Phthalates
- High UV resistance helps resist color change over time
- Washable and scrubbable finish- impact and scratch resistant<sup>5</sup>
- Panels meet USDA/FSIS requirements for food processing areas
- CLIMAPLUS™ 30-year lifetime no-sag system warranty

- Kitchens and food preparation areas
- Restrooms and utility areas
- Locker rooms
- Parking garages
- Exterior protected soffits

#### Substrate

- Gypsum panel



					ણે UL Cla	ssified						
30	Edge	Panel Size	Class <sup>2</sup>	Item No.	NRC <sup>3</sup>	CAC Min.	LR <sup>4</sup>	Color	Abuse- Resistant	Grid Options	Recycled Content <sup>1</sup>	Panel Cost
Year System Warranty No visible sag			0		0				4	<b>⊕</b>	<b>(A)</b>	S
SHEETROCK Lay-In Ceiling Panel <i>CLIMAPLUS</i> ,	SQ	2'x2'x1/2"	0	3220	_	35	.85	White	4	A, B, C, D	56% HRC	\$
PVC-FREE		2'x4'x1/2"	0	3230	_	40	.85	White	4	A, B, C, D	56% HRC	\$
	Legend											
	High Recycled Content  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.											
	A Donn® DX®/DXL™	B DONN® DXLA™ ZXI	A <sup>TM</sup> Don	v CE™								
Grid Profile Options												

Product literature

Data sheet: SC2504

**ASTM E1264 classification** Type XX, Pattern G

ASTM E84 surface burning

characteristics Class A PVC-FREE Flame spread: 25 Smoke developed: 50

#### Weight

1/2" = 2.00 lb./sq. ft.

Thermal resistance 1/2" = up to R-0.45

Maximum backloading

See Warranty for details.

Maintenance Can be cleaned easily with a damp sponge. Use mild detergent and water – do not use acetate, ammonia or high concentration of chlorine, bromide or other harsh chemicals.

#### Footnotes

1. For details, see LEED report generator at usgdesignstudio.com. 2. Fire-rated items: see UL design

2. Frie-fated items, see to design details.
3. NRC rating is .10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than .50
4. LR values are shown as averages.
5. High Scrubability—NC EPEE angle byte begon tested to PVC-FREE panels have been tested to withstand 10,000 scrub/wash cycles (ASTM D2486/ASTM D4828)

6. No formaldehyde is added to any ingredient or during the manufacturing process for all gypsum ceiling products manufactured by USG Interiors, Inc.

# Summit<sup>™</sup> ClimaPlus<sup>™</sup>







Summit Panels with *CLIMAPLUS* Superior Performance/ Donn FineLine 1/8 DXFF Suspension System

#### **LEED Credits**

Recycled Content: 63%

CLIMAPLUS Superior Performance for Mold and Mildew

MR			EQ				
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
	•	•	•	•	•	•	

#### Features and Benefits

- Fine-textured cast product with an extremely durable, impact-resistant surface
- Excellent combination of noise reduction (NRC) and sound attenuation (CAC)
- CLIMAPLUS<sup>™</sup> 30-year lifetime system warranty to withstand conditions up to 104°F (40°C)/95% relative humidity without visible sag when used with a DonN<sup>®</sup> brand suspension system

#### **Applications**

- Open and closed office plans
- Schools
- Airports
- Convention centers
- Conference and lobby areas
- Healthcare

#### Substrate

Cast mineral fiber





(I) UL Classified														
30	Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3,4</sup>	LR <sup>5</sup>	Color	Grid Options	V0C <sup>6</sup> Emissions	Anti-Mold & Mildew	Abuse- Resistant	Recycled Content <sup>2</sup>	Panel Cost
Year System Warranty No visible sag Mold/mildew protection			0		•		0		<b>⊕</b>	3	0	4	<b>(4)</b>	8
Gummit C <i>lima<b>P</b>lus</i>	SLB	2'x2'x3/4" Paper-Back	Class A	990	.70	38	.81	White	A	Zero		4	63% HRC	\$\$\$
	FLB	2'x2'x3/4" Paper-Back	Class A	991	.70	38/40	.81	White	B, C, D	Zero		4	63% HRC	\$\$\$
	Legend													
Classified as zero-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.  Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.  Classified as containing greater than 50% recycled content. Total recycled content on product composition of post-consume pre-consumer (post-industrial) recycled content.									itent is based sumer and					
	<b>A</b> DX®/DXL™	B Centricitee <sup>TM</sup> DXT	C FINELINE® 1/ DXFF	8 FINELINI	8									
Grid Profile Options														

Product literature

Data sheet: SC2432

ASTM E1264 classification Type III, Form 4, Pattern E

ASTM E84 surface burning

characteristics

Class A Flame spread: 25 Smoke developed: 50

Weight 1.95 lb./sq. ft.

Thermal resistance

Maximum backloading See Warranty for details

Maintenance Can be cleaned easily with a soft brush or vacuum.

**Durability Tests**ASTM C367 – tested to 260 lbf. for 1/4" depression by a 2" steel ball. ASTM D1037 – tested to 60 lbf. for 1/4" depression by Janka ball.

Impact resistance

ASTM D5420 – tested to 3.8 in./lbf. for impaction resistance.

Texture

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing color cast products by production lot number.

Footnote

1. Applies when USG acoustical ceilings recycling program is utilized. 2. For details, see LEED report generator at usgdesignstudio.com. 3. Item No. 991 achieves 40 CAC when installed with FineLine DXF or FINELINE 1/8 DXFF suspension system. 4. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces. LR values are shown as averages.

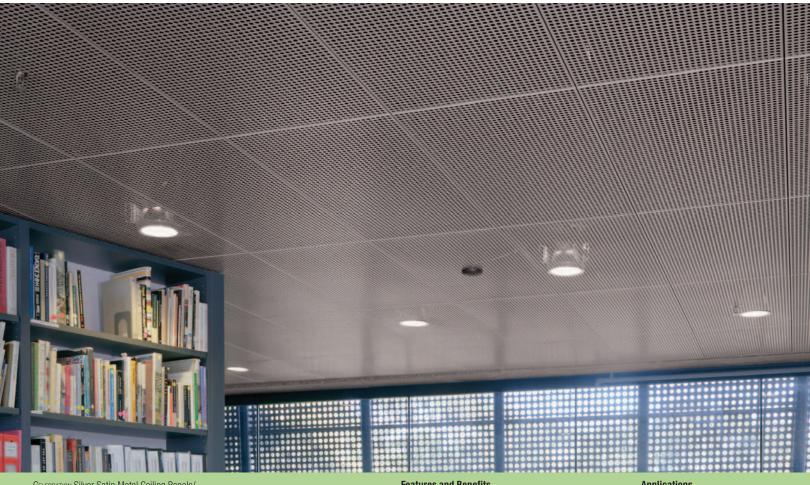
6. Panel face and back surfaces treated with a patented, broadspectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *Ceiling*Systems Warranties and Limitations (SC2102) and CLIMAPLUS Ceilings Certification of Performance

(SC2451).
7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

# Celebration<sup>™</sup>







CELEBRATION Silver Satin Metal Ceiling Panels/ Donn FineLine DXF Suspension System

#### **LEED Credits**

Recycled Content: Up to 90%

MR			EQ				
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance <sup>2</sup>	
•	•	•				•	

#### **Features and Benefits**

- Aluminum panels provide a monolithic appearance
- Easy installation into standard Donn® brand FineLine® DXF suspension system
- Snap-up installation with downward access is excellent for shallow plenum areas
- Wall-mount solution available; see IC508
- Systems with panels up to 30" wide and 78" long windload tested to 120 MPH with proper bracing and exterior framing

#### **Applications**

- Entertainment
- Gaming
- Exterior soffits
- Hospitality
- Transportation terminals

#### To order samples, go to usg.com

See IC415 for color and perforation availability.













Polished Brass PM61

#### Product Information

Materials	Finishes	Available Sizes <sup>3</sup>	Pienum Depth	Weight
Aluminum panels: Painted or anodized.	2' x 2' panels available with perforation and/or embossing. (see pages 42-47 for other perforation options)	1'x4', 1'x 5', 2'x 2', 2'x 4', 2'x 8', 4'x 4' <sup>4</sup> , 20"x 60", 30"x 30", 30"x 60"	Since panels are installed from below, the clearance for installation and removal of panels is minimal. Additional plenum clearance of up to 9" is required for air boot and lighting installations, depending on the unit selected.	Approximately .53 lbs. per sq. ft., not including lights and air diffusers.

#### **Grid Layout**

The modular nature of Celebration ceilings must be considered when an installation is designed. Main tees and cross tees are exactly on module lines. Panels may be field-cut at walls and columns or terminated at a grid module for island installations.

Acoustics	Description	Optional Acoustical	Sound Rating – NRC			
		Material	Perforation A062	Perforation A116		
	Perforated panel	Acoustibond™ backer	.65	.70		
	Perforated panel	1-1/2", 6 lb. density fiberglass (by others)	.90	.95		
Perforated panel		2", .75 lb. fiberglass in poly bag (by others)	.85	.90		

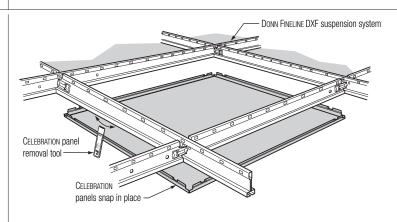
#### **Air Handling**

Air diffusers may be located around the perimeter of the ceiling or laid into the grid in place of Celebration panels. The Celebration diffuser is an extruded aluminum frame with matching faceplate and color-coordinated vanes, in 1-, 2-, 3-, and 4-slot configurations, with four-directional throw.

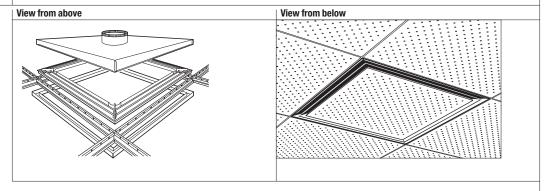
#### **Code Approval**

CELEBRATION panels provide a continuous interlock with the suspension system. Supporting grid is capable of sustaining loads greater than those imposed by the Celebration system when installed in accordance with manufacturer's instructions.

#### Perspective



#### CELEBRATION Air Diffuser Available in 1-, 2-, 3- and 4-slot configurations, with four-directional throw.



#### For More Information

#### Product literature

System brochure: IC415 Data sheet: IC308

#### Online tools

usgdesignstudio.com

#### Acoustics

These values are for standard A062 perforation pattern.

#### Recycled content

CELEBRATION aluminum panels: up to 90% recycled content.

#### Footnotes

1. For details, see LEED report generator at usgdesignstudio.com. 2. Requires perforation and

#### Acoustibond backer. 3. Additional sizes available.

4. Interior use, painted finishes only.

#### HIGH Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

# $Comp\"{asso}^{\text{\tiny{m}}}$







Compasso Perimeter Trim with Halcyon ClimaPlus Ceiling Panels/ Donn FineLine DXF Suspension System

#### **LEED Credits**

Recycled Content: Up to 90% (10" and 12" only)

MR				EQ				
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance		
	•	•						

#### **Features and Benefits**

- Creates free-form ceiling islands or fascias to define space and provide visual impact
- Available in six trim heights: 2-1/4", 4", 6", 8", 10" and 12"
- Costs a fraction of conventional drywall soffit
- Made to order—arrives onsite pre-engineered.
- $-\operatorname{Strong},$  durable, and long-lasting steel or aluminum construction
- Guaranteed to fit all USG ceiling systems

#### **Applications**

- Contemporary offices
- Entertainment
- Gaming
- High-bay areas
- Retail spaces
- Virtually anywhere

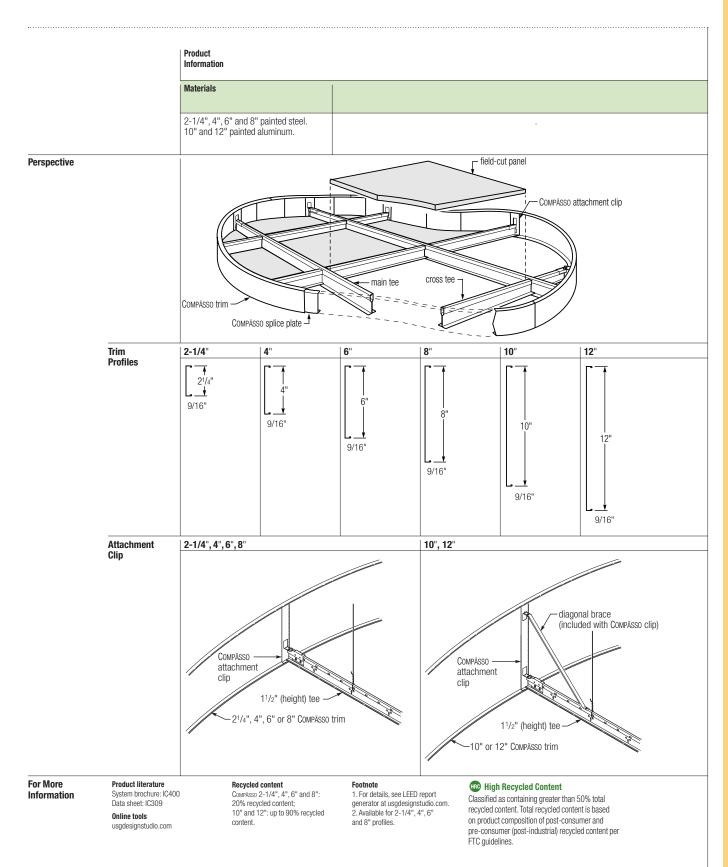












# Curvatura<sup>™</sup> 3-D System







Two-Directional Curvatura System with Perforation/ Curvatura 15/16" Suspension System

#### **LEED Credits**

Recycled Content: Up to 90%

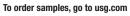
MR			EQ.			
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance <sup>2</sup>
	•	•				•

#### **Features and Benefits**

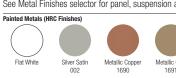
- Create dramatic three-dimensional curved designs that combine shape, texture and lighting
- Curved main tee segments and flexible panels provide endless combinations
- Available in two configurations: One-Directional Curvatura™ with 2'x6' infill panels, and Two-Directional Curvatura™ with 2'x2' panels
- Two suspension profiles: traditional Curvatura (15/16" grid profile) and Curvatura Elite (9/16" profile with 5/32" reveal)
- Custom colors available

#### **Applications**

- Contemporary office environments
- Entertainment, gaming
- High-bay areas
- Retail space



See Metal Finishes selector for panel, suspension and trim color availability.























Wood Tones<sup>3</sup> (HRC Finishes)







		Product Information			
		Materials			Finishes
		Panel: Available smooth or perforated, in Pa expanded metal! 2'x2' Translucents™ panel	inted Metals and Diamondflex s are also available.		Available with perforation and/or embossing
Perspective	Two-Directional	2' x 2' Panels			Available Grid Profile
	System	2' x 2' flexible in 2' cross tee	fill panel integral holdown tab-		Standard   15/16"
		Curvatura valley tee	CURVATURA Elite		
	One-Directional System	2' x 6' Panels			
		2'x 6' panels slide under stabilizer bars 2'1/4"edge trim stabilizer bar  panel seam with infill panel splice above			
			L integral hold-down tab		
Curved Components		10' Length	8' Length	6' Length	4' Length
(Available as vaults and valleys)		R = 229"	R = 183"	R = 138"	R = 92"
		R=153"	R = 122"	R = 92"	R = 61"
HIO High Recycled (	Content	R = 115"	R = 92"	R = 69"	R = 46"
Classified as containing recycled content. Total i on product composition	greater than 50% total recycled content is based	R = 77"	R = 61"	R = 46"	R = 31"
For More Information	Product literature System brochure: IC3 Data sheet: IC31 0 Design selector: IC36 Perforation selector: I	usg.com/resources/onlinetools/ 108 CurvaturaDesignCenter.jsp	Recycled Content Curvaturus aluminum panels: up to 90% recycled content; Steel panels: 25% recycled content. Suspension: 25% recycled content.	Footnote 1. For details, see LEED report generator at usgdesignstudio.com. 2. Requires perforation and Acoustreon backer. 3. Diamondflex and Wood Tone pane available for Two-Directional Curwatu	ils RA.

## Geometrix<sup>®</sup>







GEOMETRIX 3" Flat Panels and 3" Wedge Panels/ DONN CENTRICITEE DXT Suspension System

#### **LEED Credits**

Recycled Content: Up to 90%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance <sup>2</sup>
•	•	•				•

# 62

#### **Features and Benefits**

- Multiple profiles and depths lend new dimension to ceiling and wall design
- Panel depths ranging from 1-1/4" to 3" allow a spectrum of possibilities, from subtle textures to bold rhythms
- -2'x2' lay-in panels are compatible with 9/16" and 15/16" Donn® brand suspension systems.
- Solid or perforated panels
- Available in Flat White, Silver Satin and custom colors for design versatility

#### **Applications**

All commercial applications

#### To order samples, go to usg.com

Painted Metals (HRC Finishes)



S



		Product Information				
		Materials	Size and Weight	Finishes		
		Panels: Aluminum <sup>3</sup>	Panels: 2' x 2'; Panel weight (for 3" deep flat panel): 0.75 lbs./sf.	Panels are available in smooth patterns (C375, D250, D375, C backer is included on all perfora Acoustibono backer is also availa	062 and C062A). A bla ated panels unless othe	ick Acquistirond®
Acoustics		Description	Optional Acoustical		Sound Rating – NR	C
	-	Perforated panel	Material  Acoustibond <sup>™</sup> backer		Perforation A062	Perforation A116
	+	Perforated panel	1-1/2", 6 lb. density fiberglass (b	ov others)	.90	.95
	+	Perforated panel	2", .75 lb. fiberglass in poly bag (		.85	.90
Panels		Flat <sup>4,5</sup>	Wedge <sup>4</sup>	Inside Wedge Corner	Outside Wedge Cor	
	Depths	11/4"	11/4" 11/4"	5/16" 11/4"	<u>↓</u>	1/4"
		21/4" \$	5/16" 21/4"	5/16" 21/4"	L <sub>5/16</sub> " 2	1/4" ±
		31/4"	31/4"	5/16" 31/4"	£ 5/16"	<u> </u>
Edge Details		GEOMETRIX Panels with 15/16" DX®/DXL™ Suspension	GEOMETRIX Panels with 9/16" CENTRICITEE™DXT Suspension	GEOMETRIX Panels with 9/16" FINELINE® DXF Suspension	GEOMETRIX Panels wi FINELINE® 1/8 DXFF S	
Assembly		hanger wire  USG Donn suspension system		GEOMETRIX wedge panel  COMPÄSSO trim (optional)		
For More Information	Product literature System brochure: IC437 Data sheet: IC424 Recycled content Geometrix aluminum pane up to 90% recycled conte	usg.com/resources/onlinetools/ topogeo/index.jsp ls:	Footnotes  1. For details, see LEED report  2. Requires perforation and Acousteono backer.  3. Geometrap panels meet ASTM E84 Class A requirements for surface burning characteristics.	Available pre-engineered utility circle accomodate lighting and utilities.     Also available with 5/16" depth.	Classified as conta total recycled cont is based on produc	ining greater than 50% ent. Total recycled content xt composition of post- -consumer (post-industrial)

# Libretto™ Gridless Metal Ceiling System







LIBRETTO Serpentine Island with Contoured Perforation

#### **LEED Credits**

Recycled Content: Up to 90%

MR			EQ			
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

# 64

#### **Features and Benefits**

- Collaborate with USG to create a custom design tailored to your space
- Individually fabricated aluminum panels interconnect to form a continuous, uninterrupted plane
- -Carrier system is concealed and custom-fit, with choice of three perimeter profiles to achieve proper scale
- Now you can request a contoured pattern that follows the shape of your Libratto™ ceiling, specify a custom graphic or select a standard pattern for a square or rectangular ceiling

#### **Applications**

- Contemporary office environments
- Entertainment, gaming
- High-bay areas
- Retail space

#### To order samples, go to usg.com

Painted Colors (HRC Finishes)

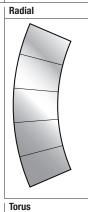


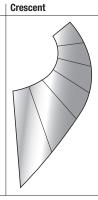


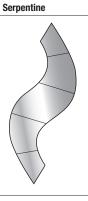
#### Product Information

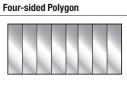
Materials	Perimeter Profile	Plenum Depth	Finishes
Panels: Aluminum Carrier system: Cold-rolled steel Edge profile: Cold-rolled steel	4", 6" or 8" in height.	Minimum 12", with 8" clearance above top edge of perimeter profile.	Panels available perforated with a contoured pattern that follows the shape of your ceiling, a custom graphic pattern, or a standard pattern for a square or rectangular ceiling. Optional black or white Acoustibond® backer available. Smooth, unperforated metal also available.

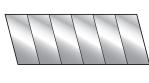
#### **Details** Design Concepts



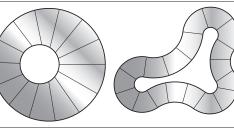


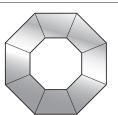


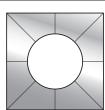






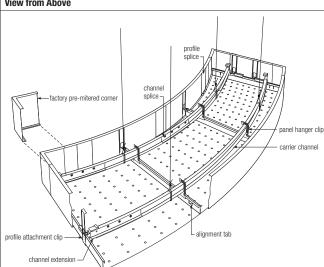






#### Assembly

#### **View from Above**



#### Exposed Hanger Solutions

For ceiling islands and other installations with exposed hanger wires, USG offers stainless steel wire and rope wire with a variety of connectors for an attractive alternative to standard 12-gauge wire. See installation guide IC453 for more information.

#### For More Information

#### Product literature System brochure: IC525 Data sheet: IC526

#### Online tools usgdesignstudio.com

#### Recycled content

LIBRETTO aluminum panels: up to 90% recycled content; LIBRETTO suspension and trim: 25% recycled content.

Footnotes
1. For details, see LEED report generator at usgdesignstudio.com.

#### Patents

Patents pending.

#### High Recycled Content

Classified as containing greater than 50%total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.







Panz Metal Ceiling Panels (FL edge) in Flat White/ Donn Centricitee DXT Suspension System

#### **LEED Credits**

66

Recycled Content: Up to 90%

MR				EQ.		
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance <sup>2</sup>
	•	•				•

#### **Features and Benefits**

- Simple lay-in design provides 100% access
- Acoustibond® sound backer produces .65 NRC without additional acoustical material when panels are installed within an enclosed plenum (minimum plenum depth: 18")
- Available in numerous perforation patterns (see pages 42-47)
- Creates reveal edge on field-cut panel
- Available with same edge details as USG acoustical panels

#### **Applications**

- Computer and utility rooms
- Entertainment
- Gaming
- Frequently accessed plenums



#### Diamondflex<sup>3</sup>











To order samples, go to usg.com See IC415 for color and perforation availability.









Premium Metals













Anodized Metals









Brushed Aluminum Polished Aluminum Polished Brass PIA12 PM61 PM21

Satin Chrome PM614

	Product Information						
	Materials	Available Sizes	Finishes				
	Panels: Aluminum	2' x 2', 2' x 4', 4' x 4'		2' x 2' panels available with perforation and/or embossing. (see pages 42-47 for other perforation options)			
Acoustics	Description	Optional Acoustical		Sound Rating – NR(	C		
		Material		Perforation A062	Perforation A116		
	Perforated panel	Acoustibond backer4		.65	.70		
	Perforated panel	1-1/2", 6 lb. density fibergla	iss (by others)	.90	.95		
	Perforated panel	2", .75 lb. fiberglass in poly	bag (by others)	.85	.90		
Panels	Smooth Panel	Perforated Panel	Perforated Pan with Acoustibon	nel n <sup>3</sup> Backer			
Edge Details	Square Edge with 15/16	Square Edge with 9/16"	Shadowline Ed	lge with 15/16"   Fineline	Edge with 9/16"		
	DX®/DXL™ Suspension	Centricitee™ DXT Suspension	DX/DXL Suspe	nsion Centricite	E DXT Suspension		
	Fineline Edge with 9/16" FINELINE® DXF Suspension		nsion				
	High Recycled Content Classified as containing greater recycled content. Total recycled on product composition of post- pre-consumer (post-industrial) r FTC guidelines.	than 50% total content is based consumer and					

#### For More Information

Product literature System brochure: IC415 Data sheet: IC314

Online tools usgdesignstudio.com

**Light reflectance** Flat White: LR-0.8 (less with perforations).

Recycled content
PANZ aluminum panels: up to 90% recycled content.

Footnote
1. For details, see LEED report generator at usgdesignstudio.com.
2. Requires perforation and Acoustroon backer.
3. Acoustroon backer not standard with Diamonoriex panels.

# Paraline<sup>®</sup>







Paraline Linear Metal Ceiling System with Field-Applied Custom Paint

#### **LEED Credits**

Recycled Content: Up to 90%

MR			EQ			
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance <sup>2</sup>
	•	•				•

#### **Features and Benefits**

- Elegant linear metal ceiling system features 12' long metal pans attached to a specially engineered suspension system
- Closed-reveal Paraline II pans are appropriate for exterior ceiling applications under protected soffits.
- Snap-up design offers unlimited access with minimum plenum depth requirements
- Wind load tested (120 mph) with proper bracing and exterior framing
- Available with perforated pans for  $\ensuremath{\mathsf{PARALINE}}$  II for NRC ratings as high as .95 when backed with fiberglass (A-062 perforation pattern only)

#### **Applications**

- Exterior soffits
- High-bay areas
- Retail stores
- Transportation terminals





















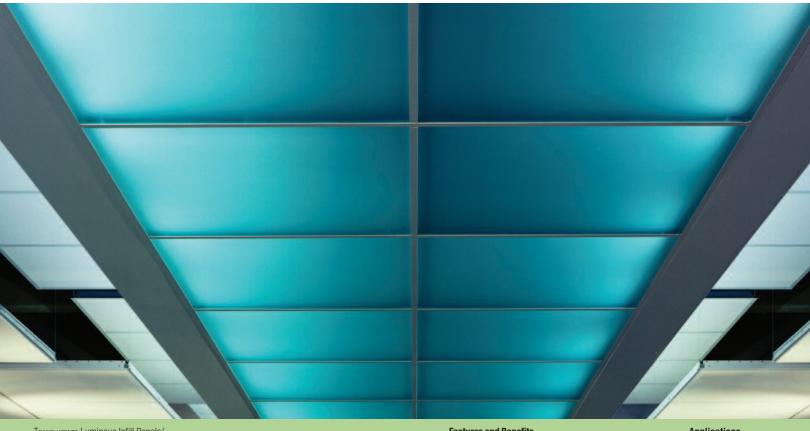




•••••							
		Product Information					
		Materials	Typical Sizes	Finishes			
		Paraline I, II, and III: Aluminum	3-1/4" x 12', 7-1/4" x 12'	Perforation available: Paraline II only.			
PARALINE II Perforation Pattern			Round—1/16" perforations .235 o.c., 5% open area (Perforation shown 50% actual size)				
Details		Paraline I	PARALINE II	Paraline III			
		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	31/4"	71/4"			
		Paraline I ceilings use 3-1/4" wide pans with roll-finished edges. Once assembled, the pans provide an open reveal for excellent acoustical control (sound is absorbed by acoustical material in the plenum).	Paralme II ceilings maintain the 3-1/4" wide pan dimension, but are constructed with integral flanges that overlap to form a reveal closure that is appropriate for exterior soffit applications. Perforated available.	Paraline III ceilings have bolder, 7-1/4" wide pans for larger-scale applications. Pans have a roll-finished edge to provide the same open reveal as Paraline I with similar acoustical control.			
Perspective				USG Drywall Suspension System or Curvatura Suspension For Paraline Wave Ceilings			
hanger wire  wall molding  PARALINE CTOSS tee 4'-0" o.c.			splice  PARALOCK® main tee shown metrical carrier if for exterior)	CURVATURA or DWSS vault tee with flat channel carrier CURVATURA OR DWSS valley tee  PARALINE ceiling			
	High Recycled Content  Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.						
For More Information	Product literature System brochure: IC463 Data sheet: IC315 Online tools usgdesignstudio.com	Fire-rated designs UL fire-rated design nun D-218 rating for 2-hour 3-hour restrained or unr assembly and 3-hour un beam rating.	or perforations and other color estrained Recycled content	yrs). generator at usgdesignstudio.com. 2. PARALNE II With perforation and filtractions befolding			

### Translucents<sup>™</sup>





TRANSLUCENTS Luminous Infill Panels/ CENTRICITEE DXT Suspension System

ı	MR			EQ			
	Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance

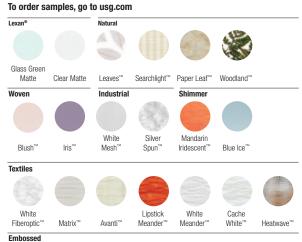
# 70

#### **Features and Benefits**

- Fully accessible translucent (luminous) infill panels
- − Panels can be used with standard Donn® brand  $DX^{\otimes}/DXL^{\intercal}$ , Centricitee<sup> $\intercal$ </sup> − Contemporary office DXT, Curvatura<sup>™</sup> 3-D System and GridWare<sup>™</sup> suspension systems
- Available in 7 finishes: Lexan® (2 color choices), Natural (4 color choices), Woven (3 color choices), Industrial (2 color choices) Shimmer (2 color choices), Textiles (7 color choices) and Embossed (2 color choices)
- 2'x 2' panels (23-3/4" x 23-3/4") in all finishes
- 2' x 6' panels (23-3/4" x 71-3/4") in all finishes
- Woven, Shimmer, Textiles, Industrial and natural finishes contain a minimum 40% recycled content
- Embossed acrylic panels contain a minimum of 50% recycled content
- Class A finish rating only applies to the Lexan panels. Others are Class B
- Coordinating suspension and trim colors as well as larger color swatches can be found on the Translucents Finishes page (IC552)

#### **Applications**

- Lobbies
- environments
- Entertainment, gaming areas
- High-bay areas
- Retail stores





#### Product Information

Materials	Туріса	l Sizes	System Weight		
	Nominal	Actual			
Glass Green, Clear – 0.060" Lexan	2'x 2'	23-3/4"x 23-3/4"	Approximately 0.7 lbs per sq. ft.		
Woven, Shimmer, Textiles, Natural, Industrial – 0.118" PETG	2'x 2' 2'x 6'	23-3/4"x 23-3/4" 23-3/4"x 71-3/4"	Approximately 0.9 lbs per sq. ft.		
Embossed Acrylic	2'x 2' 2'x 6'	23-3/4"x 23-3/4" 23-3/4"x 71-3/4"	Approximately 0.9 lbs per sq. ft.		

Acoustics	This product does not offer any acoustical properties.
Lighting	For Translucents panels, fluorescent strip fixtures should be placed a minimum of 18" above the ceiling and 18" o.c. for best results.
Suspension Systems	Lays into standard DX/DXL, Centricitee DXT, Curvatura 3-D system and GridWare suspension systems.

#### For More Information

**Product literature** Data sheet: IC406

Online tools usgdesignstudio.com

This product is produced to order and will vary from batch to batch— panels ordered at the same time will be produced together and will be identical. USG cannot guarantee batch to batch consistancy. Code approval

Lexan infill panels meet Class A requirements for flame spread and smoke developed as defined by ASTM E1264, NFPA and IBC (UBC) as tested in accordance with ASTM E84. Translucents panels meet Class B requirements for flame spread and smoke developed as defined by ASTM 1264 and as tested in accordance with ASTM E84. (40/175) USG Translucents panels also meet

Class A requirements of NFPA and IBC (UBC) as interior finishes, not to be part of an air supply/return system. Designers and installers are advised to consult a fire protection engineer, NFPA 13 and their local codes for guidance where automatic fire detection and suppression systems are present.

Weight 0.374 lb./sq. ft. (Lexan Glass Green

Matte and Clear Matte) 0.900 lb./sq. ft. (Woven, Textiles, Shimmer, Natural, Industrial, Embossed)

Recycled content

Lexan panels: 0% recycled content. Lexan paries. On lecycled content. 100% recyclable. Woven, Textiles, Shimmer, Natural, Industrial panels: min. 40% recycled content. 100% recyclable. Embossed panels: 50% recycled content. 100% recyclable.

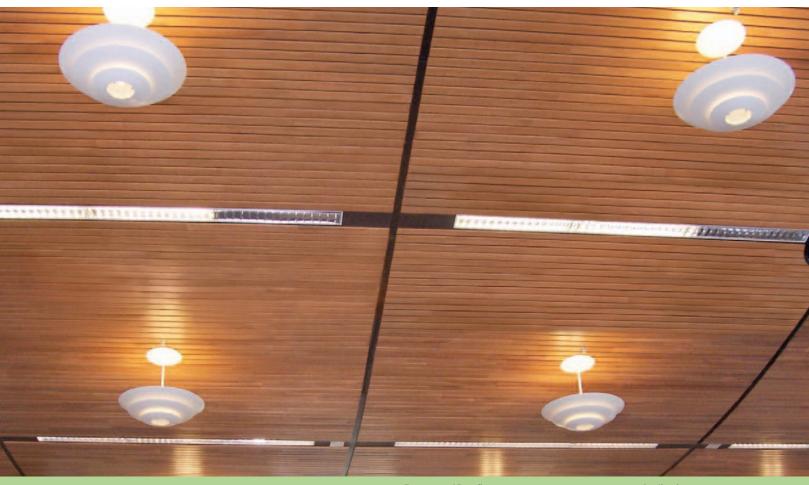
# True Wood











True Wood, Maple Linear

# **LEED Credits**Recyled Content: 97%

MR			EQ			
Waste Reduction <sup>1</sup>	Recycled Content	Regional Materials <sup>2</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•	•	•		•

#### **Features and Benefits**

- The elegance, warmth and majesty of true wood
- Natural wood veneers
- Standard module sizes of 2'x2', 2'x4' and linear panels
- Perforated options, with an integrated acoustical backer
- FSC certified
- Class A fire rating per ASTM E1264

## **Applications**

- Schools
- Healthcare
- Conference rooms
- Restaurants
- Retail stores





					Smooth	(Unperforated)	Perfora	ted (W100)**	Perfora	ted (W200)**	Perfora	ted (W300)**	Perfora	nted (W400)**
	Edge	Panel Size	Class	Grid Options	NRC	CAC	NRC	CAC	NRC	CAC	NRC	CAC	NRC	CAC
			0				•				•			
True Wood Lay-in Panels	FL	2'x2'x3/4'	Class A	E, F, G	_	37	.60	_	.30	_	.70	_	.40	_
		2'x4'x3/4'	Class A	E, F, G	_	37	.60	_	.30	_	.70	_	.40	_
	SL	2'x2'x3/4'	Class A	D	_	37	.60	_	.30	_	.70	_	.40	_
		2'x4'x3/4'	Class A	D	_	37	.60	_	.30	_	.70	_	.40	_
True Wood Accessible Reveal Panels	AR	2'x2'x3/4'	Class A	D	_	37	.60	_	.30	_	.70	_	.40	_
		2'x4'x3/4'	Class A	D	_	37	.60	_	.30	_	.70	_	.40	
	** All USG True Wo	od perforated pa	nels include a	n integrated ac	oustical back	er to provide a high	level of sou	nd performance	without the	expense and add	ditional labor	of infill panels.		
	Panel Size		Class	Grid Options	NRC	CAC								
True Wood			0				Trim 0	ptions	4" No	minal (3 3/4"	x 8')			
Linear Panels			U						6" No	minal (5 1/4"	x 8')			
	Nominal 4 1/ 3 3/4"x 8'	2" Module	Class A	DWSS	.40									

Linear panels have a black fabric backing that overlaps panel to panel to create a clean black look in the reveal.

Class A

DWSS

.35

<b>D</b> DX/DXL	E Centricitee DXT	FINELINE®  DXF	<b>G</b> Fineline® 1/8 DXFF

#### Perforation Options\*

Grid Profile **Options** 

Pattern Number	Hole (mm)	Spacing (mm)	% Open Area	
W100	6	16	10	
W200	6	32	3	
W300	8	16	20	
W400	8	32	5	

<sup>\*</sup> For 2'x2' and 2'x4' panels only

Nominal 6" Module

5 1/4"x 8

#### Physical Data/ Footnotes

Product literature Data sheet: IC558 Finishes Sheet: IC559 Tech Guide: IC561

**ASTM E84 surface burning** characteristics

Class A Flame spread: 20 Smoke developed: 15

**ASTM E1264 Classification**Composite — Class A Fire
Performance

# Weight 3 lb./sq. ft.

Material

No added urea formaldehyde core, with face cut veneers

**Footnotes** Color disclaimer: Printed and/ or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in monitor and printer output.

These representations should not be used to finalize color selection(s).

Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look. Product finishes are spray applied stain or sealer coats

## High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

# WireWorks<sup>™</sup>







WireWorks Open-Cell Ceiling Panels, Weave Pattern/ GridWare GWDX Suspension System in Silver Satin

#### **LEED Credits**

Recycled Content: Up to 100%

ı	MR				EQ			
	Reduction Content Materials <sup>1</sup> Rene		Rapidly Renewable Materials	Low-Emitting Daylight and Views Performa				
	•	•	•					

#### **Features and Benefits**

- Metal, woven lay-in panels with powder-coated finish are abuse resistant and highly durable
- Four cell sizes offer flexibility to meet design and budget needs
- Combine with the GRIDWARE  $^{\text{\tiny{TM}}}$  suspension system to create custom ceiling system
- Easy installation into standard Donn® brand suspension systems
- Easily accommodates lightweight signage.
- Custom colors available

#### **Applications**

- Accent areas
- Educational
- Health care
- Retail stores

## To order samples, go to usg.com

(HRC Finishes)







		Product Information				
		Materials	Typical Sizes	Wire Thickness		
		Robotically welded steel wire.	2'x 2'		Panels are 1/8"; Forms are 3/16".	
WireWorks		1" x 1" Cells	1" x 1" Cells   2" x 2" Cells		3" x 3" Cells	4" x 4" Cells
Ceiling Panels 2' x 2' 1/8" Wire	Wire TAT Cells 2 X 2 X 2 X 2 X 2 X 2 X 2 X 2 X 2 X 2					
WireWorks	Weave	Pattern	I.	Front Profile		Side Profile
Forms 2' x 2' 3/16" Wire						3/6"
	Ripple					† †
	Small Wave					t 2" nom.
	Big Wave			-11/2"		6" nom.
		High Recycled Content Classified as containing greater than 50 content is based on product compositio (post-industrial) recycled content per FI	0% total recycled on of post-consum TC guidelines.	content. Total recycled er and pre-consumer		

# For More Information

Product literature System brochure: IC34103 Data sheet: IC325

Online tools usgdesignstudio.com

Recycled content Wineworks panels: up to 100% recycled content

Metric equivalents
Contact Technical Service
for additional information.

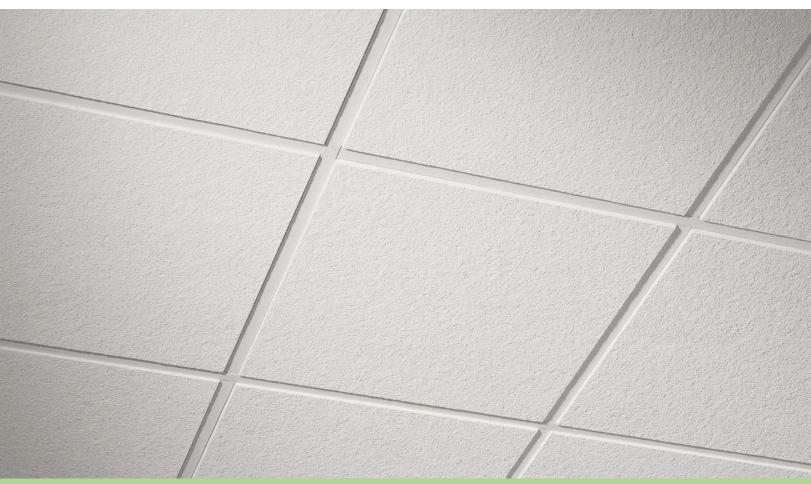
Footnotes
1. For details, see LEED report generator at usgdesignstudio.com.











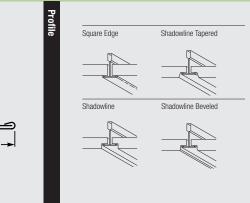
Donn AX Suspension System/ Eclipse Panels with *ClimaPlus* Performance

#### **LEED Credits**

Recycled Content: Up to 90%

MR			EQ			
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				





#### **Features and Benefits**

- Non-corrosive aluminum 15/16" exposed grid system ideal for high-humidity or wet-cleaned areas
- Aluminum components can be used in non-magnetic environments and meet USDA/FSIS requirements
- Cross-tee override ends resist twisting and give a professionally finished look
- Patented stainless steel Quick-Release™ clip
- Showed superior performance when tested for severe environmental conditions in accordance with ASTM C635

#### **Applications**

- Food processing areas
- High-humidity areas
- Light-duty applications
- Magnetic-free zones
- MRI rooms



									Rated Load <sup>1</sup>	
DONN read		ASTM Class	Length	Height	Item No.	Class	Color	Recycled Content	3' Hanger Spacing	4' Hanger Spacing
System meets or exce specifications per AS	eds load compliance TM C635					0		<b>&amp;</b>		
15/16" Tee System	Main Tee	Light Duty	12'	1-1/2"	AX26	Class A	Flat White	up to 90%	12.0 lbs./LF	6.9 lbs./LF
	Cross Tee		2'	1-1/2"	AX224	Class A	Flat White	up to 90%		
1			4'	1-1/2"	AX424	Class A	Flat White	up to 90%		

	Wall Angle	Length	Item No.	Color	Recycled Content	Wall Angle	Length	Item No.	Color	Recycled Content
Molding 2,3		12'	M7A	Flat White	up to 65%	→ <sub>1</sub> <sup>1</sup> /2"  ←	10'	UA25	Flat White	up to 65%
	7/8" -7/8"				HRC	19/16"				HRC



#### HIP High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3041. Sample: 272638.

## Product Information

See usg.com for the most up-to-date product information.

#### Material

Double web aluminum tee with aluminum cap and stainless steel Quick-Release Clip.

#### Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, CISCA, and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated, extreme-humidity applications, this system is acceptable.

#### The City of New York BSA and **MEA Report Compliance**

Donn suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports:

BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 312-99-M, MEA 123-00-M.

### ASTM C635 Standard

for Load Compliance

This sytem meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

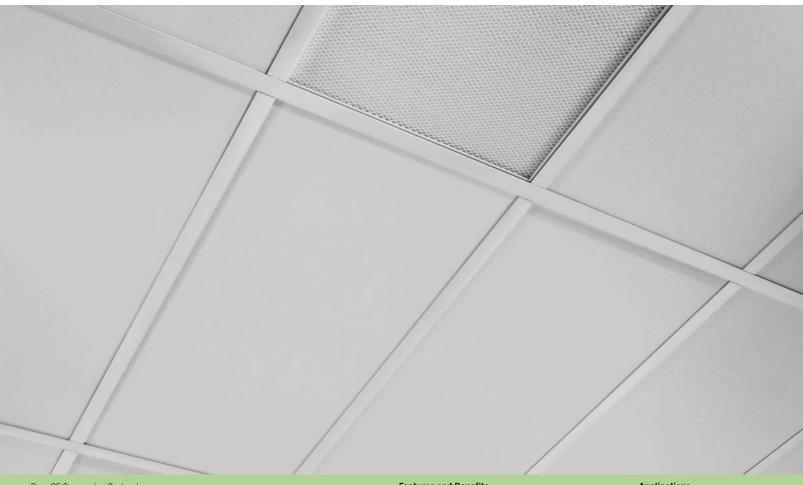
#### Footnotes

1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.

2. For more information on moldings, see Perimeter Interface selector. 3. Panels must be specified to be fieldcut to size and field-revealed to provide as wide a lay-on edge as possible.







DONN CE Suspension System/
CLEAN ROOM Panels with CLIMAPLUS Performance—Class 100

#### **LEED Credits**

Recycled Content: Up to 60%

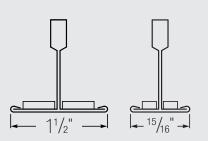
MR			EQ .				
Reduction Content Materials Ren		Rapidly Renewable Materials	Low-Emitting Daylight Acoustical Materials and Views Performance				
•	•	•					

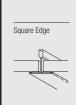
#### **Features and Benefits**

- Grid system with factory-applied closed-cell foam gaskets for controlled-environment rooms
- G30 hot-dipped galvanized body provides unequaled corrosion protection
- Meets or exceeds all national code requirements, including seismic
- Supports cleanroom HEPA filters and lights.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

#### **Applications**

- Controlled environments
- Hospitals
- Food processing areas
- Certified to meet US Federal Standard 209E Class 100 (ISO 14644 Level 5)







								Seismi	Zones	Seismic Solutions	Rated Load	1,2,3	
DONNE		ASTM Class	Length	Height	Item No.	Class	Color	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing
System meets or exce specifications per AST						0				•			
1-1/2" Tee System	Main Tee	Heavy Duty	12'	1-1/2"	DXWCE26 (up to 60% recycled content)	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./L
	Cross Tee 1-1/2"		2'	1-1/2"	DXWCE224	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	65.0 lbs./Ll	=	
			4'	1-1/2"	DXWCE424	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	13.8 lbs./Ll	=	
15/16" Tee System	Main Tee	Intermediate Duty	12'	1.64"	DXCE24	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./L
	Cross Tee		2'	1-1/2"	DXCE224	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			
			4'	1-1/2"	DXCE424	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			

#### New Donn Seismic Solutions

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

- ICC-ESR-1222
- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle   Length	Item No.	Color	
Molding <sup>4,5</sup>	ŋ <del></del> 12'	M7CE	Flat White	
	7/ <sub>8</sub> "  → 7/ <sub>8</sub> "  →	(up to 65% recycled content)		
	111/16"	US28CE	Flat White	( to is c

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3129. Sample: 207901.

## Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap.

#### Recycled content

Up to 60%, for details, see the LEED report generator at usgdesignstudio.com.

Installation Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated

high-humidity applications, use aluminum or ZXLA™ suspension systems. For exterior applications, suspension should be reviewed by a structural engineer.

Not recommended with metal panels. If metal panels are used, a gasket may be applied to the CE suspension system through special order.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesianStudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc. have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179. 23451, 24095, 25764.

# The City of New York BSA and

MEA Report Compliance

Donn suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports: BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M. MEA 312-99-M. MEA 123-00-M.

#### **ASTM C635 Standard** for Load Compliance

This system meets or exceeds load compliance specifi-cations per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

**Testing**Particulate Test and Ceiling Integrity Tests per Federal Standard 209(e) are available from Technical Service.

#### Footnotes

1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360. 2. Do not use standard lay-in light fixtures with this system. 3. HEPA filters must be supported at all four corners of grid module. For more information on moldings, see Perimeter Interface selector. 5. Panels must be field-cut to size at

# Centricitee DXT/DXLT







DONN CENTRICITEE DXT Suspension System/ ECLIPSE Panels with *CLIMAPLUS* Performance

#### **LEED Credits**

Recycled Content: Up to 65%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

#### **Features and Benefits**

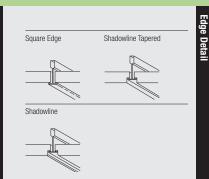
- 9/16" exposed grid offers clean aesthetic
- Patented panel-centering device allows use of standard square edge panels
- Cross-tees override ends resist twisting and ensure a finished look
- Meets or exceeds all national code requirements, including seismic and fire-rated assemblies up to 2 hours. Design flexibility helps meet life safety codes
- Patented Quick-Release<sup>™</sup> cross tees
- Optional integrated air diffuser
- Custom colors available
- High recycled content (HRC) available

 ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

#### **Applications**

- Interior general-use areas.
- Fire-rated interior general-use areas.







									Seismi Zones²		Seismic Solutions	Rated Load <sup>1</sup>	
System meets or exceeds load	ASTM Class	Length	Height	Item No. <sup>2</sup>	Class	Color 3,4	Post Consumer RC	Total RC	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing
compliance specifications per ASTM C635					0		<b>(4)</b>	<b>(4)</b>			<b>₩</b>		
9/16" Tee System Main Tee	Intermediate Duty	10'	1-1/2"	DXT24-10	Class A	Flat White	up to 40%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.6 lbs./LF
		12'	1-1/2"	DXT24	Class A	Flat White Standard	up to 40%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.6 lbs./LF
				DXT24 HRC		Advantage	57% HRC	65% <sub>HRC</sub>					
				DXLT24	0	Flat White	up to 40%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip		
	Heavy Duty	12'	1-1/2"	DXT26	Class A	Flat White	up to 40%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF
Cross Tee 1-1/2"		2'	1-1/2"	DXT222	Class A	Flat White Standard	up to 26%	up to 33%	0-4	A-F	7/8" Molding ACM7 Clip		
				DXT222 HRC		Advantage	57% HRC	65% <sub>HRC</sub>					
				DXLT222	0	Flat White	up to 26%	up to 33%	0-4	A-F	7/8" Molding ACM7 Clip		
		4'	1-1/2"	DXT422	Class A	Flat White	up to 26%	up to 33%	0-4	A-F	7/8" Molding ACM7 Clip		
High Recycled Content Classified as containing greater than 50%				DXT424	Class A	Flat White Standard	40%	47%	0-4	A-F	7/8" Molding ACM7 Clip		
total recycled content. Total recycled content is based on product composition of post-				DXT424 HRC		Advantage	57% HRC	65% <sub>HRC</sub>			7.GWI OIIP		
consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.				DXLT424	0	Flat White	up to 40%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip		

#### **Mew Donn Seismic Solutions**

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

- ICC-ESR-1222
- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle	Length	Item No.	Color	Post Consumer RC	Total RC	Wall Angle	Length	Item No.	Color
Molding <sup>5,6</sup>	15/16"	12'	М9	Flat White Standard	up to 65%					
	9/16" -		M9 HRC	Advantage	57% HRC	65% HRC				
	9/16" 3/8"	12'	MS174	Flat White Standard Advantage			Shadowline    1/4"   9/32"   9/32"   1/4"	10'	MS274 2" shelf for seismic (up to 65% recycled content)	Flat White

#### Physical Data/ Footnotes

## Product literature & samples

Data sheet: AC3040. Sample: 206564

#### Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap finished with four-step protective coating.

#### Recycled content

For details, see the LEED report generator at usgdesignstudio.com

#### Installation

Must be installed in compliance with ASTM C636, ASTM E580 CISCA, and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated, extreme-humidity applications, use all-aluminum AX" or ZXLA" suspension systems. For exterior applications, suspension should be reviewed by a structural engineer.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to usgdesignstudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in one or more of the following LA. Research Report numbers: 22179, 23451, 24095, 25764.

# The City of New York BSA and MEA Report Compliance

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BSA 618-60-SM, BSA 184-77-SM,
BSA 796-81-SM, MEA 366-93-M,
MEA 133-95-M, MEA 312-99-M,
MEA 120-00-M.

# ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

#### Air diffusers

Request AC272.

#### Footnotes

 Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
 Metric available - contact

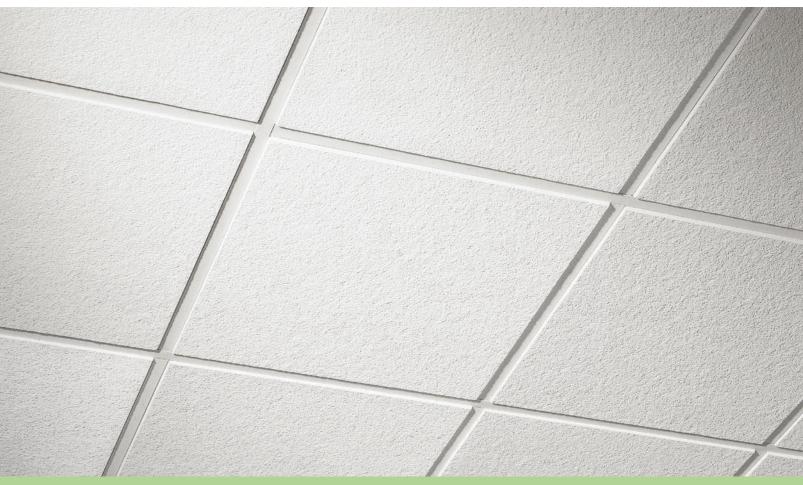
customer service
3. Color options are for Class A imperial products.

Custom color available.
 For more information on moldings, see the Perimeter Interface selector.
 Panels must be specified to be field-cut to size and field-revealed to provide as wide a lay-on edge as possible.









DONN DX/DXL Suspension System/ ECLIPSE Panels with CLIMAPLUS Performance

#### **LEED Credits**

Recycled Content: Up to 65%

Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

#### **Features and Benefits**

- 15/16" exposed tee system. Components for use in general and fire-rated applications
- Maximum economy and design simplicity
- DXL system features more than 80 UL designs (up to 3 hours)
- Cross-tee override ends resist twisting and give a professionally finished look
- Meets or exceeds all national code requirements, including seismic
- Patented Quick-Release<sup>™</sup> cross tees
- High recycled content (HRC) available

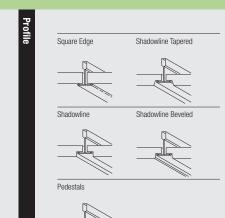
Squash 2661 Safari 2662 Redwood 566 Sienna 565

- Custom color available.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

#### **Applications**

Fire-rated, interior general use areas







Halo 206

Mist 053

Nectar 546

Quartz 082

										Seisn Zone		Seismic Solutions	Rated Load	!	
DONN rest		ASTM Class	Length	Height	Item No.	Class	Color	Post Consumer RC	Total RC	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing <sup>8</sup>
System meets or excee compliance specificati ASTM C635						0		<b>(4)</b>	<b>(4)</b>			<b>W</b>			
15/16" Tee System		Intermediate Duty	12'	1.64"	DX/ <sup>3,4,7,12</sup> DXL24		Flat White Standard	up to 39%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./L
					DX/ <sup>3,4,12</sup> DXL24 HRC	Ø	Advantage	57%	65% HRC						
		Heavy Duty	12'	1-1/2"	DX/ <sup>3,4,7,12</sup> DXL26		Flat White Standard	up to 39%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./L
					DX/3,4,12 DXL26 HRC	O	Advantage	57% HRC	65% HRC						
	Cross Tee		2'	1"	DX/3,4,7,12 DXL216		Flat White Standard	up to 25%	up to 33%	0-4	A-F	7/8" Molding ACM7 Clip			
					DX/ <sup>3,4,12</sup> DXL216 HRC	Ø	Advantage	57% HRC	65% HRC						
	Cross lee		4'	1-1/2"	DX/ <sup>3,4,7,12</sup> DXL424		Flat White Standard	up to 20%	up to 47%	0-4	A-F	7/8" Molding ACM7 Clip			
					DX/ <sup>3, 4, 12</sup> DXL424HRC	O	Advantage	57%	65% HRC						
					DX422 <sup>5,7,9</sup>	Class A	Flat White Standard	up to 25%	up to 33%	0-4	A-F	7/8" Molding ACM7 Clip			
					DX422HRC5		Advantage	57% HRC	65% HRC						
			5'	1-1/2"	DX/ <sup>3,4,7,12</sup> DXL524	0	Flat White Standard	up to 39%	up to 46%	0-4	A-F	7/8" Molding ACM7 Clip			

#### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer

# – ICC-ESR-1222.

- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.	Wall Angle	Length	Item No.	Color	Wall Angle	Length	Item No	Color	Post Consumer RC	Total RC
Molding 10	2"	10'	M20SM-2 (up to 65% recycled content)	Flat White	7/8" 	12'	M7 <sup>8</sup>	Flat White Standard Advantage	up to 65% HRC  57%	65% HRC
*	Shadowline <sup>11</sup> Shadowline <sup>11</sup> 7/8"	10'	MS274 <sup>5</sup> 2" shelf for seismic (Up to 65% recycled content)	Flat White Custom	2"	10'	M20⁵ M20HD Heavy Duty M20SM Seismic	Flat White Custom	up to 65% (HRC) up to 58% (HRC)	
December 1		lama		A December Des		005 04		0	)	

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3167, Sample flat white - seismic: 271370. Sample flat white: 215673, Sample main tee: 206563, Sample flat black: 205100.

#### Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap.

Recycled content
For details, see LEED report generator at usgdesignstudio.com.

Installation
Must be installed in compliance with ASTM C636, ASTM E580, CISCA or standard industry practices, within all applicable code requirements. See LIL Fire Resistance. Directory for rated assembly details.

Severe Environmental Requirements: Panels in exposed grids in non-fire-rated, high-humidity applications: use all-aluminum AX™ or ZXLA™ painted HDG suspension systems with aluminum cap. Panels in exposed grids in fire-rated, high-humidity applications: use ZXLA suspension systems. For all exterior applications, suspension should be reviewed by a structural engineer.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

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## The City of New York BSA and

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#### ASTM C635 Standard for Load Compliance

System meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

Footnotes
1. All DX/DXL main-tee and cross-tee connections meet IBC requirements for tension and compression strength. 2. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection

- limit of L/360.

  3. UL fire-rated listing, labeling and follow-up applies only to fire-rated components.
- 4. Color program for imperial only.

Consult Customer Service for custom color and metric-tee colors.
5. Non-fire-rated only.
6. Cross-tee hole punch spacings also

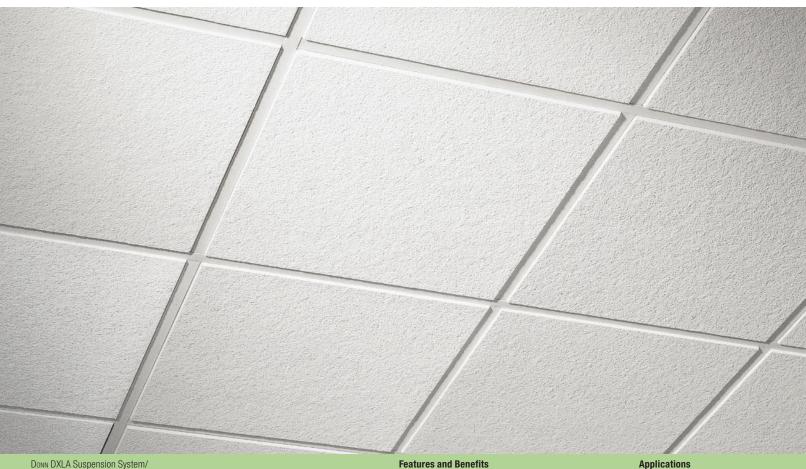
- available for 20" and 30" modules.
  7. Available in metric
- 7. Available in metric
  8. DX cross tees available in additional sizes and lengths.
  9. Non-fire-rated applications may mix DX and DXL parts.
- 10. For moldings information, see Perimeter Interface selector.
- 11. Panels must be specified to be field-cut, field-revealed and to provide widest possible lay-on edge. 12. For DXL, channel moldings are also acceptable in some designs. Check UL Fire Resistance Directory for molding options.
- Brass and chrome available on limited items.











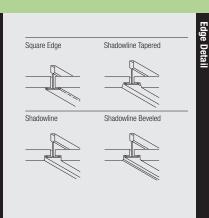
DONN DXLA Suspension System/ ECLIPSE FIRECODE Formulation Panels with CLIMAPLUS Performance

#### **LEED Credits**

Recycled Content: Up to 51%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				





#### **Features and Benefits**

- 15/16" exposed, fire-rated, system with aluminum cap.
- Maximum economy and design simplicity with UL designs (up to 2 hours)
- Suitable for use in food processing areas and meets USDA/FSIS requirements
- Cross-tee override ends resist twisting and give a professionally finished look
- Patented Quick-Release<sup>™</sup> cross tees
- Custom color available
- Showed superior performance when tested for severe environmental conditions in accordance with ASTM C635
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

- Fire-rated
- Food processing areas





							Seismi	Zones	Seismic Solutions	Rated Load <sup>2</sup>		
DONN'ess	ASTM Class	Length	Height	Item No.3	Class	Color <sup>3</sup>	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	
ystem meets or exceeds load compliand pecifications per ASTM C635	е				0				•			
15/16" Tee System Main Tee	Intermediate	12'	1.64"	DXLA241		Flat White	0-4	A-F	7/8" Molding	12 lbs./LF	6.1 lbs./LF	
	Duty			(Up to 61% recycled cont.)	0	Silver Satin			ACM7 Clip			
•	Heavy Duty	12'	1-1/2"	DXLA26¹ (up to 51% recycled cont.)	0	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	
Cross Tee 1"		2'	1"	DXLA216 <sup>1</sup>		Flat White	0-4	A-F	7/8" Molding			
					0	Silver Satin			ACM7 Clip			
Cross Tee 1-1/2	2"	4'	1-1/2"	DXLA4241		Flat White	0-4	A-F	7/8" Molding			
Cross Tee 1-1/2				(up to 51% recycled cont.)	0	Silver Satin			ACM7 Clip			

#### New Donn Seismic Solutions

- ICC-ESR-1222.
- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle	Length	Item No.	Color		Length	Item No.	Color <sup>6</sup>
Molding <sup>5,6</sup>	1"  1"	10'	MC11A25 (up to 52% recycled cont.)	Flat White	7/ <sub>8</sub> " 1 − 7/ <sub>8</sub> " →	12'	M7Z (up to 65% recycled cont.)	Flat White Silver Satin
	Non-Rated  1 7/8"  1 7/8"  1 7/8"  1 7/8"	12'	M7A (up to 65% recycled cont.)	Flat White				
		Classified as c total recycled o is based on pro	cycled Content ontaining greater than 50% content. Total recycled cont oduct composition of post- pre-consumer (post-indus	rent	ı			

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3036. Sample: 215675.

## Material

Fire-rated, G30 double-web, hot-dipped galvanized steel body and aluminum cap.

### Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### Limitations

recycled content per FTC guidelines.

Severe Environmental Requirements: For panels in exposed grids in fire-rated and/or high-humidity applications, use ZXLA" suspension systems. For exterior applications, suspension should be reviewed by a structural engineer.

# ICC Evaluation Service, Inc.,

Report Compliance
Suspension systems manufactured
by USG Interiors, Inc., have been
reviewed and are approved by listing in
ICC-ESR-1222. Evaluation Reports are
subject to reexamination, revision and
possible cancellation. Please
refer to usgdesignstudio.com or
800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

# The City of New York BSA and MEA Report Compliance Donn suspension systems have been

Down suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports: BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 12-99-M, MEA 120-0-M.

# ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM C635. Main teas will not deflect more than 1/8" over a 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

#### Footnotes

 Hanger wire spacing and locations must be per the UL design.
 Load test data shows uniform load in Ibs./LF based on simple span tests in accordance with ASTM C635 deflection

limit on L/360.

3. Some products are available in metric and custom colors. Call Customer Service for details.

4. Channel moldings also acceptable

in some UL designs.

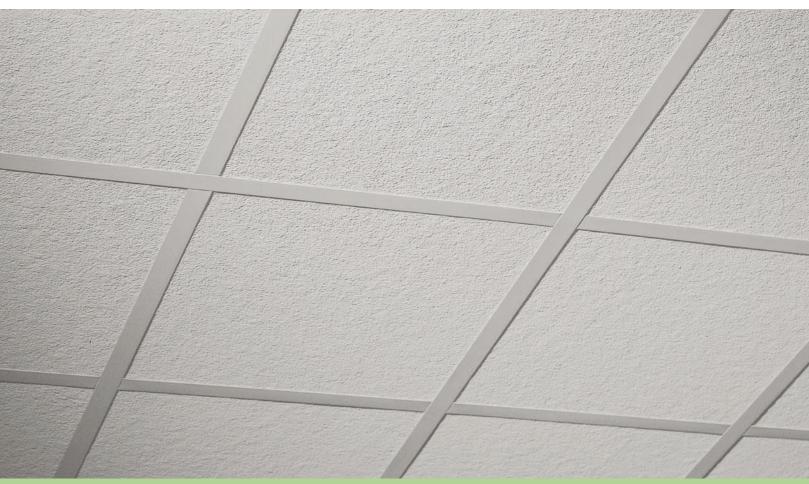
5. For more information on moldings, see Perimeter Interface selector. 6. Panels must be field-cut to size at the perimeter. For Shadowline detail, field-cut edge must be at least as wide as the factory cut.









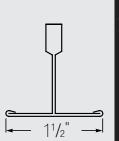


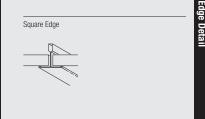
DONN DXW Suspension System/ ECLIPSE Panels with *CLIMAPLUS* Performance

#### **LEED Credits**

Recycled Content: Up to 60%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				





#### **Features and Benefits**

- 1-1/2" exposed grid system. Design alternative for high-bay areas and large panel modules
- Cross-tee override ends resist twisting and give a professionally finished look
- Meets or exceeds all national code requirements, including seismic. Design flexibility helps meet life safety codes
- Patented Quick-Release  $^{\mathsf{TM}}$  cross tees
- Custom color available
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

#### **Applications**

- Interior generaluse areas
- High-bay areas
- Large-module ceilings



								Seismic	Zones	Seismic Solutions	Rated Load	1	
DONN		ASTM Class	Length	Height	Item No.	Class	Color <sup>2</sup>	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing
System meets or excee specifications per ASTI						0				•			
1-1/2" Tee System	Main Tee	Heavy Duty	12'	1-1/2"	DXW26 (up to 60% recycled cont.)	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF
(V)	Cross Tee 1-1/2"		2'	1-1/2"	DXW224	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	65.0 lbs./LF		
			4'	1-1/2"	DXW424	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	13.8 lbs./LF		

## New Donn Seismic Solutions

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

- ICC-ESR-1222.
- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle	Length	Item No.	Color <sup>3</sup>	Wall Angle	Length	Item No.	Color <sup>4</sup>
Molding <sup>3,4</sup>		12'	M7	Flat White				
	7/8" - 7/8"		(up to 65% recycled content)					
	11/2 "	12'	M12	Flat White	] 	10'	M20	Flat White

#### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3037. Sample: 219168

#### Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap finished with four-step protective coating.

#### Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

Installation
Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated, high-humidity applications, use aluminum or  $ZXLA^{\scriptscriptstyle{TM}}$  suspension systems. For exterior applications, suspension should be reviewed by a structural engineer

# ICC Evaluation Service, Inc.,

Report Compliance Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation, Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

# The City of New York BSA and

MEA Report Compliance

Donn suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports:

BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 312-99-M, MEA 123-00-M.

#### ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

#### Footnotes

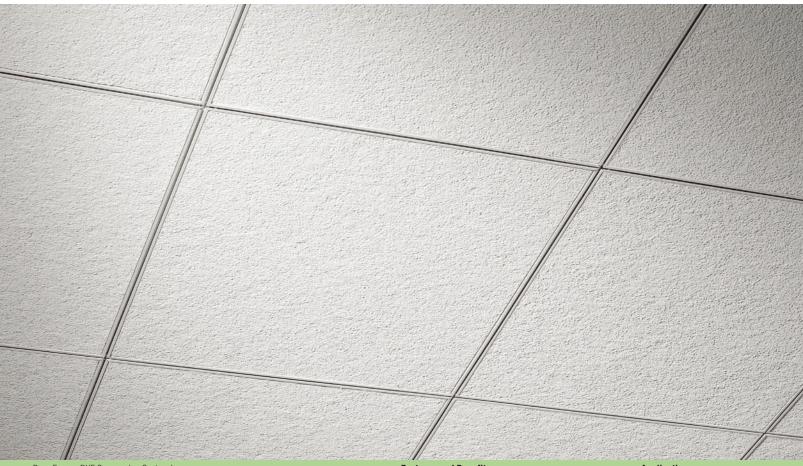
- 1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
- 2. Custom color available.
- For more information on moldings, see Perimeter Interface selector.
- 4. Panels must be field-cut to size at

# Fineline® 1/8 DXFF







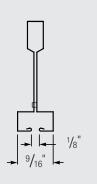


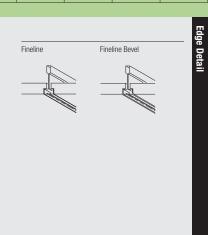
Donn FineLine DXF Suspension System/ Eclipse Panels with *ClimaPlus* Performance

#### **LEED Credits**

Recycled Content: Up to 48%

MR			EQ				
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•					





#### **Features and Benefits**

- Narrow-profile, slotted grid system with 1/8" reveal provides streamlined appearance
- Reveal accommodates partition attachments and pendant-mounted light fixtures
- Mitered intersections offer a clean, tailored appearance.
- Meets or exceeds all national code requirements, including seismic and fire-rated assemblies up to 1 hour
- Optional integrated air diffuser
- Accepts metal ceiling panels for ceiling-area accents without changing grid system
- Custom color available
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

#### **Applications**

- All interior general use areas
- Fire-rated, interior general use areas



								Seismic	Zones	Seismic Solutions	Rated Load	 I	
System meets or exceeds load compliance specifications per ASTM C635		ASTM Class   Length	ength   Height	Item No. <sup>3</sup>	Class	Color <sup>2</sup>	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing	
						0				<b>₩</b>			
9-16" Tee System	Main Tee <sup>3</sup>	Intermediate Duty	10'	1-25/32"	DXFF2930 <sup>9</sup>	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.5 lbs./LF	3.6 lbs./LF
Secretary of the second			12'	1-25/32"	DXFF2924 DXFF2948	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.5 lbs./LF	3.6 lbs./LF
		Heavy Duty	12'	1-25/32"	DXFFH2924	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	8.3 lbs./LF	4.9 lbs./LF
	Cross Tee⁴		2'	1-25/32"	DXFF229	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			
die			4'	1-25/32"	DXFF429 DXFF429N <sup>5</sup>	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			
					DXFF429S <sup>6</sup>								



## New Donn Seismic Solutions

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle	Length	Item No.	Color <sup>3</sup>
Molding <sup>7,8</sup>		12'	М9	Flat White
	9/16"		(up to 65% recycled content)	
	Shadowline <sup>7</sup>	12'	MS174	Flat White
	3/8" - 9/16" - 3/8"			

#### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

### Product literature & samples

Data sheet: AC3033. Sample: 270308.

#### Material

G30 double-web hot-dipped galvanized

Recycled content For details, see the LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated, highhumidity applications, use AX™ or ZXLA™ suspension systems. For exterior applications, suspension should be reviewed by a structural engineer.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in

ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

#### The City of New York BSA and MEA Report Compliance

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#### ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty. Intermediate Duty or Heavy Duty categories.

#### Air diffusers

Request AC272.

#### Footnotes

1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360. Custom color available.
 Cross-tee notches available in 24", 30", and 48" modules. Standard

is 24" o.c. 4. Cross tees also available in 30",

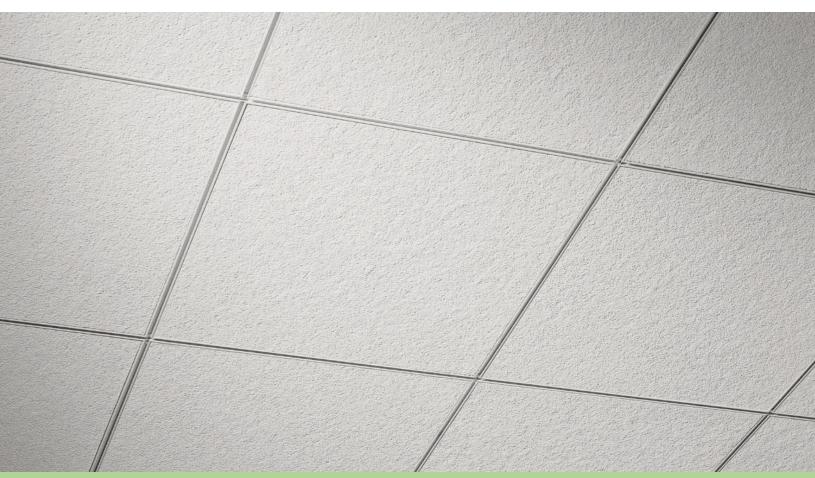
1', and 5' lengths. N = Notch at midpoint. 6. Midpoint notch on one side only to accommodate light fixtures. 7. For more information on moldings, see Perimeter Interface selector 8. Panels must be field-cut to size at the perimeter. 9. Notched 30" o.c.

# Fineline® DXF/DXLF







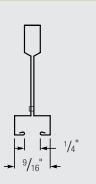


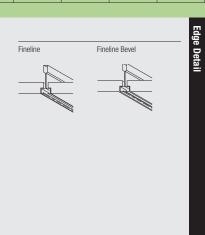
DONN FINELINE DXF Suspension System/ ECLIPSE Panels with *CLIMAPLUS* Performance

#### **LEED Credits**

Recycled Content: Up to 65%

MR			EQ .				
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•					





#### **Features and Benefits**

- Narrow-profile, slotted grid system with
   1/4" reveal provides streamlined appearance
- Reveal accommodates partition attachments and pendant-mounted light fixtures
- Mitered intersections offer a clean, tailored appearance
- Meets or exceeds all national code requirements, including seismic and fire-rated assemblies up to 1 hour
- Optional integrated air diffuser
- Accepts metal ceiling panels for ceiling-area accents without changing grid system
- Custom colors available
- High recycled content (HRC) available

- Options available for severe environmental conditions
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

#### **Applications**

- All interior general use areas
- Fire-rated, interior generaluse areas





DONN rease		ASTM Clas	s Length	Height	Item No. 3,6	Class	Color <sup>4</sup>	Post	Total RC	UBC	IBC	Categories D,	4' Hanger	5' Hanger	6 ' Hange
ystem meets or exc ompliance specifica								Consumer RC		-		E, F Alternate Method	Spacing	Spacing	Spacing
STM C635	·					0		<b>②</b>	<b>②</b>			<b>W</b>			
9/16" Tee System	Main Tee	Intermedia Duty	ate <b>10</b> '	1-1/2"	DXF2924-10	Class A	Flat White	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.6 lbs./LF	3.6 lbs./l
					DXF2930 <sup>11</sup>	***************************************	Flat White Silver Satin	up to 41%	up to 49%			7/8" Molding ACM7 Clip			
		Intermedia Duty	ate <b>12</b> '	1-25/32"	DXF2924 <sup>5</sup>	Class A		up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.6 lbs./LF	3.6 lbs./l
					DXF2924HRC5	Class A		57%	65%	0-4	A-F	7/8" Molding ACM7 Clip			
					DXF2948			up to 41%	up to 49%			7/8" Molding ACM7 Clip			
					DXLF2924 <sup>5</sup>	0	Flat White	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip			
		Heavy Dut	y <b>12</b> '	1-25/32"	DXFH2924 <sup>5</sup>	Class A	Flat White	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./
					DXF429	Class A	Flat White	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip			
	Cross Tee		2'	1-25/32"	DXF229	Class A	Flat White Silver Satin	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip			
n e					DXF229HRC	Class A	Flat White Silver Satin	57%	65%	0-4	A-F	7/8" Molding ACM7 Clip			
<b>ew Donn Seismic S</b> C-ESR-1222.					DXLF229	0	Flat White	up to 41%	up to 49%						
eets or exceeds all n quirements with 7/8 ulfills requirements fo	' wall molding.		4'	1-25/32"	DXF429	Class A	Flat White	up to 41%	up to 49%	0-4	A-F	7/8" Molding ACM7 Clip			
sign categories A-F. ertified with maximur eights, representing			4'	1-25/32"	DXF429NHRC	Class A	Flat White Silver Satin	57%	65%	0-4	A-F	7/8" Molding ACM7 Clip			
eiling systems.					DXF429S8			up to 41%	up to 49%				]		
					DXLF429N <sup>7</sup>	0	Flat White	up to 41%	up to 49%				.		
	Wall Annia	Landh	5'	1-25/32"	DXF529N <sup>7</sup>	Class A	Flat White	up to 41%	up to 49%		11			1 Octor	
lolding <sup>10,11</sup>	Wall Angle	Length 12'	Item No.	Color	Post Consumer RC	Total RC	Molding		Wall An Shadow		12 <sup>1</sup>	_	em No. S174	Color Flat White	
ioluling s.v.	7/8"	12	IVI 7	Flat White	up to 65%		Moluling		SHAUOW	1"	12	(u	p to 65% cycled cont.)	Silver Sati	in
- 7/8" - 1			M7 HRC	Flat White	57% HRC	65%			9/16"	3/8" 3/8" 3/8"		Н	RC		
		12'	M9	Flat White Silver Satin	up to 65%				Shadow	/line	10	2"	<b>\$274</b> ' shelf for ismic	Flat White	······································
	9/16"		M9 HRC	Flat White Silver Satin	57% HRC	65%		[	3/4"-	9/32"		re	p to 65% cycled cont.)		

# Footnotes

Data sheet: AC3034. Sample: 204105. Tech Guide: AC3003

#### Material

Double-web G30 hot-dipped galvanized painted steel tee. G60 available for severe environmental conditions.

#### Recycled content

For details, see LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA, and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exposed grids in non-fire-rated, highhumidity applications, use DXFEV G60

systems. For exterior applications, suspension should be reviewed by a structural engineer.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance Donn brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved

L.A. Research Report numbers: 22179, 23451, 24095, 25764.

#### The City of New York BSA and MEA Report Compliance

Donn suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports: BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 312-99-M, MEA 123-00-M.

#### ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

#### Air diffusers

Request AC272-290.

Footnotes
1. Hanger wire spacing and locations must be per the UL design. 2. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360. 3. Some products are available in

metric. Call Customer Service for details. 4. Custom color available. 5. Standard main tee is notched 24" o.c. but has cross-tee holes 12" o.c. 6. Cross-tee hole spacings available

7. N = Notch at midpoint. Midpoint notch on one side only to accommodate light fixtures. 9. For more information about moldings, see Perimeter Interface selector or technical guide. 10. Panels must be field-cut to size

at the perimeter. 11. Notched 30" o.c.

## High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

# M7 Overlapping Wall Angle







Donn M7 Overlapping Wall Angle

#### **LEED Credits**

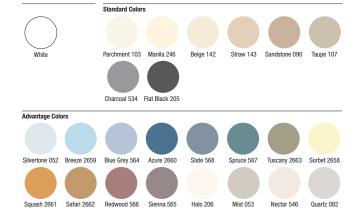
Recycled Content: Up to 65%

MR			EQ					
Waste Reduction					Daylight and Views	Acoustical Performance		
•	•	•						

#### **Features and Benefits**

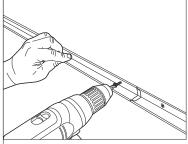
- Patented overlap detail provides an "extra hand" for easier, more accurate installation
- Ensures that trim faces are level
- Eliminates an unsightly gap at butt joints
- Installs faster than standard perimeter trim
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

- All interior general use



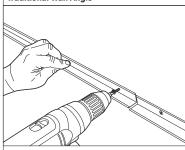
	Length	Item No.	Color	Recycled Content
				<b>⊗</b>
Molding <sup>1</sup> Wall Angle <sup>2</sup>	12'	M7	Flat White Standard	up to 65%
<u>-</u> 7/8	<u> </u>		Advantage	
Performance	Down M7 Overlappi	ng Wall Angle		

# Comparison



Overlap detail sits on adjacent trim, providing extra support for quicker, easier installation. The overlap ensures that trim faces are level, and it eliminates the unsightly gap created by traditional butt joints.

#### **Traditional Wall Angle**



With no support between lengths of trim, traditional wall angle is more difficult to install. Butt-cut wall angle is also subject to misalignment of trim faces and gaps at joints.

#### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

#### Product literature

Sell sheet: AC3232

Material Hot-dipped galvanized steel body.

#### Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

Installation Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### ICC Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ES Evaluation Reports. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

#### Footnotes

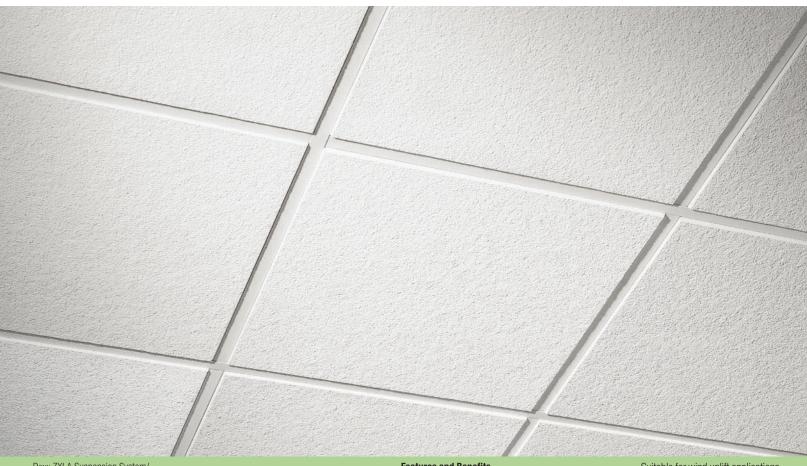
1. For more information about moldings, see the Perimeter Interface selector.
2. Panels must be field-cut to size and field-revealed, where necessary, at the perimeter.











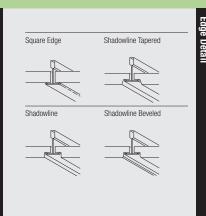
DONN ZXLA Suspension System/ Eclipse Panels with CLIMAPLUS Performance

#### **LEED Credits**

Recycled Content: Up to 45%

MR			EQ	EQ				
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance		
•	•	•						





## **Features and Benefits**

- 15/16" exposed, G60 hot-dipped galvanized grid system with aluminum cap, ideal for use in extreme environments
- Polyester paint finish and stainless steel clip provide unequaled corrosion protection
- Meets or exceeds all national code requirements, including seismic and fire-rated assemblies up to 2 hours. Design flexibility helps meet life safety codes
- Aluminum-capped grid system, suitable for use in food processing areas, meets USDA/FSIS requirements
- Patented Quick-Release<sup>™</sup> cross tees
- Custom color available
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)

- Suitable for wind uplift applications
- Showed superior performance when tested for severe environmental conditions in accordance with ASTM C635

#### **Applications**

- Exterior soffits
- Fire-rated service environments
- Industrial applications





								Seismi	c Zones	Seismic Solutions	Rated Load	,2	
DONNicar		ASTM Class	Length	Height	Item No.	Class	Color <sup>3</sup>	UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing
System meets or excee specifications per AST						0				₩.			
15/16" Tee System Main Tee		Intermediate Duty <sup>2</sup>	12'	1.64"	CALA24 (up to 57% recycled cont.)	0	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./Lf
		Heavy Duty	12'	1-1/2"	ZXLA26 (up to 57% recycled cont.)	0	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./Lf
· —	<b>Cross Tee 1-1/2</b> " (38 mm)		2'	1-1/2"	CXLA224 (up to 57% recycled cont.)	0	Flat White	0-4	A-F	7/8" Molding ACM7 Clip		1	
			4'	1-1/2"	ZXLA424 (up to 57% recycled cont.)	0	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			

#### New Donn Seismic Solutions

- ICC-ESR-1222.
- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.

	Wall Angle	Length	Item No.	Color <sup>5</sup>
Molding <sup>4,5</sup>		12'	M7Z	Flat White
	7/8"  7/8"		(up to 65% recycled cont.)	



Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

#### Product literature & samples

Data sheet: AC3029.

#### Material

Double-web, G60 hot-dipped galvanized, painted steel tee with painted aluminum cap; stainless steel clip.

#### Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

#### Limitations

Severe Environmental Requirements: For exterior applications, suspension should be reviewed by a structural engineer.

#### ICC Evaluation Service, Inc., Report Compliance Suspension systems manufactured

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

#### L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

# The City of New York BSA and MEA Report Compliance Donn suspension systems have been

Down suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports: BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 132-99-M, MEA 120-00-M.

# ASTM C635 Standard for Load Compliance

This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

- Certified with maximum sq. ft. weights, representing complete ceiling systems.

#### Footnotes

 Hanger wire spacing and locations must be per the UL design.
 Load test data shows uniform load in lbs./IF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
 Sustom color available.
 For more information on moldings, see Perimeter Interface selector. 5. Panels must be specified to be fieldcut to size and field-revealed to provide as wide a lay-on edge as possible.

# $USG^{\text{\tiny{m}}}$ Suspension System – Flat Ceilings







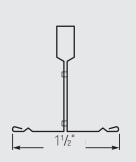
USG Drywall Suspension System/ SHEETROCK Gypsum Panels

#### **LEED Credits**

Recycled Content: Up to 54%

MR			EQ .				
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance	
•	•	•					





#### **Features and Benefits**

- Pre-engineered, G40 hot-dipped galvanized system eliminates labor-intensive superstructure and allows easy transitions
- More than 60 UL fire-resistive designs. Assemblies available to meet STC and IIC requirements
- Accepts Type F and Type G light fixtures
- Assembly selector with downloadable revit files available at usgdesignstudio.com
- Options available for severe environmental conditions.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222)
- Meets ASTM C6456
- G90 available for severe environmental conditions

#### **Applications**

- Exterior soffits
- Fire-rated, interior general use areas
- All interior general use areas



				I	I	I	l au	B 1.75 :		I and					2	
DONN sent			ASTM Class	Length	Height	Item No.	Class	Recycled Content	UBC	IBC	24"	Hange	r Spac	cing –	48"	_
System meets or exce	eds load com	pliance						•	UBC	IBC	L/2401	L/360 <sup>2</sup>		L/360 <sup>2</sup>	L/240¹	L/3i
specifications per AS1							0	<b>&amp;</b>	020	.50						
System Components	Straight Main Tees	11/2"	Heavy Duty	12'	1-1/2"	DGL26	0	up to 54%	0-4	A-F	129	86	57	38	24	16
		DGLW   15/8"   nom.	Heavy Duty	12'	1.617"	DGLW266 DGLW26E(G90)6	0	up to 54%	0-4	A-F	129	86	57	38	24	16
	Wall- to-Wall System Straight Tee**	DGW   15/8* nom.		6' to 14'	1.617"	DGLW26S <sup>6</sup>	Class A	up to 54%	0-4	A-F	131	86	62	41	30	20
		1.72		-					I			Sp	an L/3	60 lbs	./LF	
			1	T = .		T		T	T	1		Span			Value	
Cross Tees		DGL	_	2'	1-1/2"	DGL224	0	up to 46%	0-4	A-F		24"			81.3	
		11/2"	_	4'	1-1/2"	DGL424	0	up to 45%	0-4	A-F		48"			13	
//		DGLW	_	2'	1-1/2"	DGLW224 <sup>6</sup>	0	up to 45%	0-4	A-F		24"			73.2	
2		11/2"	_	26"	1-1/2"	DGLW2624 <sup>6</sup>	0	up to 45%	0-4	A-F		26"			57	
3)		11/2"	_	4'	1-1/2"	DGLW424 <sup>6</sup> DGLW424E (G90) <sup>6</sup>	0	up to 45%	0-4	A-F		48"			12.1	
			<u> </u>	50"	1-1/2"	DGLW506	0	up to 45%	0-4	A-F		50"			11	
		DGW	_	72"	1-1/2"	DGW624 <sup>6</sup>	Class A	up to 45%	0-4	A-F		72"			4.45	
	Cross Cha	7/8"		4'	7/8"	DGCL4 <sup>6</sup>	0		0-4	A-F		48"			6.9	
	Moldings			12'	-	DGWM24 <sup>6</sup>	_	up to 65%	0-4	A-F	_			-		
		1 5/8"		12'	-	DGCM27 <sup>6</sup>	_	up to 65%	0-4	A-F	_			_		
Accessories	DGSC18	O Splice Clip*	DGTC90 Tr	ansition	Clip	DGC4, DGC6, DG Compässo™ Drywa	L C8 all Clin	DGWC Wall A	ttachn	nent Cl	ip D	GSP1	80 Sp	olice F	Plate	_
		<b>)</b>					viip				{		<u> </u>	)		

#### Physical Data/ Footnotes

## Product literature & samples

Product merature & Samples System Brochure: AC3152 Data Sheet: AC3117 Data Sheet Wall-to-Wall: AC3230 Samples: 257202

Finishes Hot dipped galvanized.

#### Material

G40 double-web tee, hot-dipped galvanized steel.

Recycled content
For details, see RC tables or the LEED report
generator at usgdesignstudio.com.

Installation
Must be installed in compliance with ASTM

C636, ASTM E580, ESR-1222, CISCA and standard industry practices

#### Footnotes

ASTM C645 L/360 deflection limits 2. Load data shown based on L/240 deflection limits per ASTM C645.

for detailing and module loading, request AC3152 or visit USGDesignStudio.com
 4. DGLW26 main tees and DGLW2624 and DGLW36 cross tees feature special punching and cross-tee lengths to accommodate Type F fixtures.
 5. G90 galvanization for swere environmental conditions.

6. DGW and DGLW members conform to performance standard ASTM C645. 7. Installation per ASTM C636. 8. ICC evaluation report ESR-1222. 9. CA Department of State Architecht-see ESR-1222 per IR-A5 and PA 118. 10. City of LA - RR 25764.

<sup>\*\*</sup> See AC3230 for expanded wall-to-wall data

# USG<sup>™</sup> Drywall Suspension System-Curved Ceilings



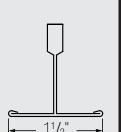


#### **LEED Credits**

Recycled Content: Up to 54%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

- Drywall suspension system simplifies the design and construction of curved drywall ceilings
- Pre-engineered curves ensure correct installation
- Custom components allow easy changes in ceiling elevations and transitions between ceiling types
- G40 hot-dipped galvanized system suitable for interior and exterior applications
- General-use areas
- Domes, round and eliptical
- Groin vaults
- Curved soffits

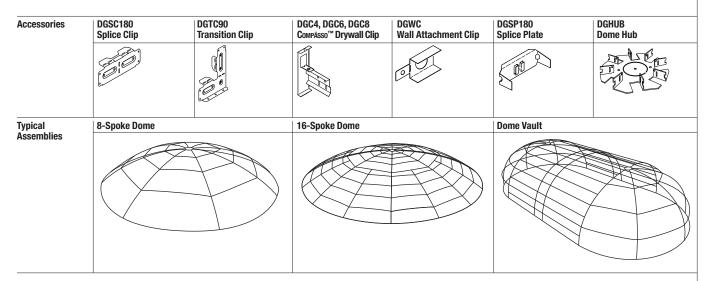




										Rated Load <sup>2</sup>	
DONN read			ASTM Class per C635	Radius	Arc Length	Height	Item No. <sup>2</sup>	Class	Recycled Content	2' Hanger Spacing	4' Hanger Spacing
System meets or exce specifications per AS		mpliance						0	<b>②</b>		
System	Curved	Vault	16 lbs.3	31"-44"	6'	1-1/2"	DGW6VTxxx	Class A	up to 54% HRC		16.0 lbs./LF
Components	Main Tees		16 lbs.3	45"-60"	8'	1-1/2"	DGW8VTxxx	Class A	up to 54% HRC		16.0 lbs./LF
		11/2"	16 lbs.3	61"-72"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54% HRC		16.0 lbs./LF
			16 lbs.3	73"-91"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54%		16.0 lbs./Lf
			16 lbs.3	92"-239"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54%		16.0 lbs./LF
			16 lbs.3	240"+	12'	1-1/2"	DGW12VTxxx	Class A	up to 54% HRC		16.0 lbs./LF
		Valley	16 lbs.3,4	31"-44"	6'	1-5/8"	DGW6VYxxx	Class A	up to 54% HRC	16.0 lbs./LF	
THE PARTY OF THE P		15/8"	16 lbs.3,4	45"-60"	8'	1-5/8"	DGW8VYxxx	Class A	up to 54%	16.0 lbs./LF	
The state of the s			16 lbs.3,4	61"-72"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54% HRC	16.0 lbs./LF	
			16 lbs.3,4	73"-91"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54%	16.0 lbs./LF	
		11/2"	16 lbs.3,4	92"-239"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54% HRC	16.0 lbs./LF	

**Cross Tees** 

See Flat Ceilings (AC3117) for information on straight cross tees, cross channel, and moldings.



#### **Design Support**

#### USG DesignSudio.com:

- Online design and specification tools
- Installation videos
- Domes and barrel vault estimator. Additional support available through USG Ceilings Solution Group for design and estimation of non-typical applications.

## High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

#### Physical Data/ Footnotes

#### **Product literature**

System brochure: AC3152 Data sheet: AC3118

### Finishes

Galvanized.

#### Material

Double-web tee, G40 hot-dipped galvanized steel.

Recycled content For details, see the LEED report generator at usgdesignstudio.com.

#### Installation

Must be installed in compliance with ASTM C636, CISCA, and standard industry practices.

#### Limitations

Severe Environmental Requirements. For exterior applications, suspension systems should be reviewed by an engineer.

#### Footnotes

1. For detailing and module loading, request AC3152.

2. "xxx" is a placeholder for a custom radius,

in inches

3. As tested per independent testing agency, both vault and valley main tees can carry 16 pounds per lineal foot.

4. As tested per independent testing agency, valleys require hanger wire spacing of 2' o.c.

5. Members conform to performance standard C645.

# USG<sup>™</sup> Drywall Suspension System – Wall-to-Wall







USG Wall-to-Wall Drywall Suspension System/ SHEETROCK Gypsum Panels

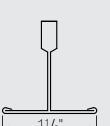
#### **LEED Credits**

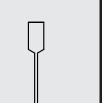
Recycled Content: Up to 54%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

- Simplifies design and construction for corridors and
- Eliminates hanger wires and cross tees for unsupported spans up to 8' with 1/2" drywall and 7'-6" with 5/8" drywall.
- Lowest installed cost system for corridors and small rooms.
- Pre-engineered components allow easy transition between ceiling types and elevations.
- G40 hot dipped galvanized system suitable for interior and exterior applications.
- Standard and custom lengths available.
- Manufactured in accordance with ASTM C645.
- Industry leading spans.
- Fulfills requirements for seismic categories D, E and F.

- Condominiums & apartments
- Healthcare
- Education
- Hotels
- Dormitories
- Office





						Load	Test Da	nta¹				
	Length	Height   Face Width	Face Width	nce Width   Item No.	Class	Simple Span   L/240 Uniform Load (lbs./LF)   4'   5'   6'   7'   7'-6"   8'						
					0							
System Straight DGW Components Tee	6',8',10',12',14', 15/8" nom. Custom	1.617"	1-1/2"	DGW26s (up to 54% recycled cont.)	Class A	29.84	15.28	8.84	5.57	4.53	3.73	
Moldings <sup>3</sup>	12'	1-1/2"	1"	DGWM24 (up to 54% recycled cont.)	_	_						
19/16*	12'	1-9/16"	1"	DGCM25 (up to 65% recycled cont.)		_						

#### Accessory

#### DGSC180 Splice Clip



\* See AC3152 for additional main tee splice options.

# HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Span	O.C. Spacing (in.)	Maximum Load (lbs./SF)
	16	179.04
	24	119.36
ļ'	16	22.38
	24	14.92
ı	16	11.46
	24	7.64
6'	16	6.63
	24	4.42
71	16	4.18
	24	2.78
''-6"	16	3.40
	24	2.26
	16	2.80
	24	1.86
	24	*14.92
0'	16	*11.46
	24	*7.64
2'	16	*6.63
	24	*4.42
**16'	16	*2.8
	24	*1.86
	24	**4.42

Vertical Supp	ort		
Tee Spacing	Drywall	Span	Support Requirement
16"o.c.	1/2"	up to 8'	None
		***8' 1"–16'	Mid-span
		***16' 1"-24'	Two supports at 1/3 points
16" o.c.	5/8"	up to 7'-6"	None
		***7'-7" to 15'	Mid-span
		***15'-1" to 22'-6"	Two supports at 1/3 points
24" o.c.	5/8"	up to 6'-6"	None
		6'-7" to 13'	Mid-span
		***13'-1" to 19'-6"	Two supports at 1/3 points

#### Notes:

 $-\,^{***}$  Spans greater than 14' require Main-tee splice, use DGSC180 splice clip or alternative splicing options described in system brochure - AC3152



- Notes:

   "Vertical support at mid-span

   "Two vertical supports at 1/3 point

   "\*\*Spans greater than 14' require Main-tee splice, refer to the AC3152 for splice details

  Recycled content

#### Physical Data/ Footnotes

**Product literature & samples** System brochure: AC3152 Data sheet: AC3230

# Finishes Galvanized.

Double-web tee, G40 hot-dipped, galvanized steel.

**Recycled content**For details, see RC tables or the LEED report generator at usgdesignstudio.com.

Installation
Must be installed in compliance with ASTM C754, ASTM E580 and standard industry practices.

- Footnotes
  1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM deflection limit on L/240.
- 2. Attachment to wall structure
- is critical.

  3. Members conform to performance standard C645.

- Installation per ASTM C636.
   Installation per ASTM C754.
   ICC evaluation report ESR-1222.
- 7. CA Department of State Architecht see ESR-1222 per IR-A5 and PA 118. 8. City of LA RR 25764.





# BUILDING ENVIRONMENTAL SUSTAINABILITY



#### A responsible plan for an ever-changing world

For over 100 years, USG has provided safe, efficient and affordable building materials to meet society's basic need for shelter. However, emerging environmental issues surrounding energy, pollution, water and other natural resources have recently changed society's perception related to solutions that address these needs.

USG is keenly aware of these issues and is committed to understanding our role and our impact on society and the environment. We strongly believe that by understanding the complete life cycle impact of our products, services and operations, USG can determine the better way to meet the needs of our customers while minimizing unintended negative consequences.

Long before environmental stewardship became a mainstream issue, USG was focused on how to reduce and reuse waste; use water, energy and other resources more efficiently; and transform manufacturing byproducts into valuable new resources. When it comes to offering customers revolutionary products and services based on good building science developed over a century of research and innovation, we've consistently led the industry.

In 2009 we introduced EcoBlueprint, an expression of our commitment to, and strategy for environmental sustainability. Spanning internal operations, market-facing activities, and product and service offerings, EcoBlueprint encompasses all business units and applies to U.S. and international operations. It enables us to satisfy customer demands, protect and enhance our leadership position, and drive profitable growth.

Through EcoBlueprint, we are focused on reducing the size of our environmental footprint throughout the product life cycle from raw materials and product design, manufacturing processes, shipping and distribution, product use, and ultimate recycling and reuse. We believe an end-to-end focus that includes the entire life cycle is essential to our ability to help our customers and our own company impact sustainability.

From the product formulations we choose, to the processes we employ, USG is committed to products that are designed, manufactured, distributed and used in a sustainable way and minimize overall environmental impact. We have identified three corporate priorities where we feel we can make the most positive environmental impact:

- Develop responsible customer solutions
- · Enhance energy management
- Improve resource utilization

Environmental sustainability is a strategic fit with our business focus on cost and operations efficiency, so we are eager to offer our expertise in the areas of sound building science, responsible customer solutions and the life cycle environmental impacts of our products.

By aligning our corporate strategy with environmental sustainability, we will increase our focus and strengthen our commitment to manufacture and provide the most innovative products and services for customers to create sustainable spaces.

With EcoBlueprint, we are moving forward in a focused and transparent manner to achieve a genuine reduction in our overall environmental impact. We carefully developed the goals and strategies of EcoBlueprint to ensure a comprehensive and multidimensional scope that considers the various environmental impacts that are most relevant to our customers, products and operations.

# Safety First!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

# **Notes**

All products described here may not be available in all geographic markets. Consult your local sales office or representative for information.

#### **Trademarks**

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#### **Notice**

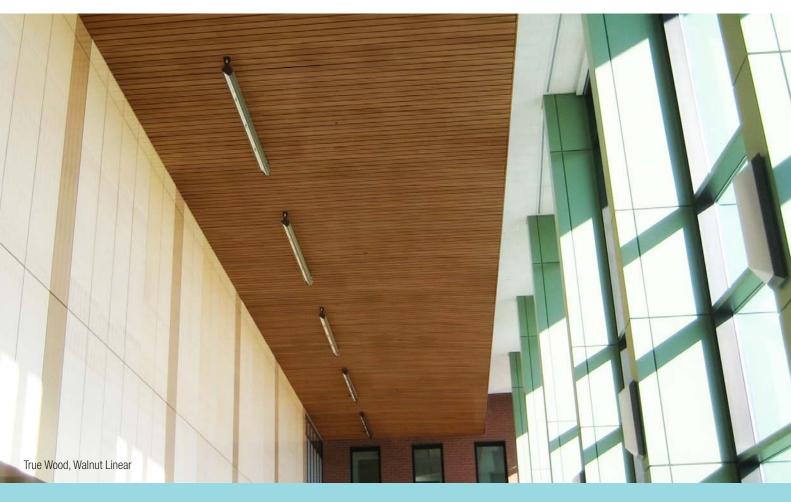
We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.



## **Sustainable Initiatives**

The paper substrates used in the production of the USG Ceiling Systems catalog supplement are all certified to Forest Stewardship Council (FSC) standards which promote environmentally appropriate, socially beneficial and economically viable management of the world's forests. This catalog was printed using soy-based, solvent-free inks and on paper containing 10% post-consumer waste material.





Web Sites
usg.com
usgdesignstudio.com
sustainableceilings.com
seismicceilings.com

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Samples/Literature/Fax

Customer Service 800 950.3839

See usg.com for the most up-to-date product information.