

SERPENTINA™

3-Dimensional Ceiling System

Physical Data

Material

Extruded aluminum main beams and hot dipped galvanized steel PRELUDE® or SUPRAFINE™ cross tees

Main Beam Load Test Data

Hanger Spacing (Lbs/LF) (Applies to straight 15/16" face sections only)
42" - 18.66 48" - 10.80

Cross Tee/Main Beam Interface

Override

End Detail

Staked-on clip

Panel Sizes

2' x 4' and 2' x 6' semi-concealed metal panel options; 2' x 2', 2' x 4' and 2' x 6' lay-in panel options (select panel types perforated and unperforated)

Enhancing Acoustics

By adding optional poly-bagged fiberglass or laminated fleece backing, you can achieve a greater acoustical performance in your design. No ASTM test exists for curved configurations.

Fire Performance

Class A

Recycled Content

25%

Color Selection

Due to printing limitations, shade may vary from actual product.



White (WH)



Cream (CR)



Haze (HA)



Oyster (YS)



Platinum (PL)



Camel (CM)



Adobe (AD)



Tech Black (BL)



Silver Satin (SA)



Gun Metal Grey (MY)



Silver Grey (SG)



Champagne Gold (CG)

Diamond Louver and Diamond Sheer panels are available in Bright Clear Anodized only.



SERPENTINA 3-Dimensional Ceiling System with 630H and 2' x 6' lay-in panels, R375 Perforation, Champagne Gold

Serpentina Components

Quick Ship

	___H/V	Main Beam (15/16", 9/16")	
QS	56419	2' Prelude Cross Tee (15/16")	
	XL7520	2' Suprafine Cross Tee (9/16")	
QS	SPTSTR6	6' Straight Perimeter Trim	
	SPTSTR12	12' Straight Perimeter Trim	
QS	615 H/V PT	Curved Perimeter Trim	
	SJMS	Serpentina "J" Molding for shallow radius (7.5, 15, 22.5, 30, 37.5 and 45)	
	SJMT	Serpentina "J" Molding for tight radius (45, 52.5, 60, 75 and 90)	

Quick Ship

QS	615 H/V CNR	Preformed SPT Corner	
QS	AXTBC	Serpentina Perimeter Trim Clip	
QS	AXSPICE	Splice Plate	
QS	AX-SPT-HDC	Serpentina Perimeter Trim Hold Down Clip	
QS	SHDC	Serpentina Hold Down Clip	
Serpentina Semi-Concealed Components			
	Speed Clip	Serpentina Semi-Concealed Splice Clip (3 per panel interface)	
	SPT7120	2' Inverted Cross Tee (1" web height)	

SERPENTINA™

3-Dimensional Ceiling System

Key Selection Attributes

- More main beam options for maximum design flexibility; available in both "Hills" and "Valleys" with 15/16" or 9/16" face
- XL cross tee end detail for a faster installation
- Armstrong standard colors plus four metallic paints; and custom colors available
- 15-year limited warranty; extruded aluminum hot dipped galvanized performance provides maximum corrosion resistance

Typical Applications

- Corridors and lobbies
- Conference rooms
- Reception areas
- Public access areas
- Airports, bus terminals and train stations

Relative Installed Cost

\$	\$\$	\$\$\$	\$\$\$\$
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Colors

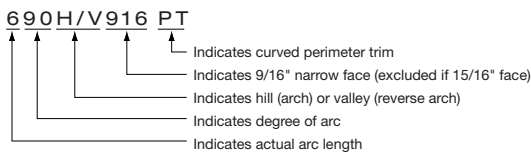
See front of this page

Serpentina Main Beams and Curved Perimeter Trim (all dimensions are nominal)

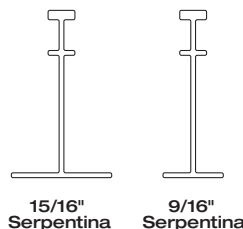
	Part #	Arc	Chord Length		Part #	Arc	Chord Length
	10075 H/V	7.5°	9' 11-15/16"		6225 H/V	22.5°	5' 11-9/16"
	1015 H/V	15°	9' 11-13/16"		630 H/V	30°	5' 10-5/8"
	10225 H/V	22.5°	9' 11-1/4"		6375 H/V	37.5°	5' 10-3/4"
	1030 H/V	30°	9' 10-5/8"		645 H/V	45°	5' 10-1/8"
	10375 H/V	37.5°	9' 9-7/8"		6525 H/V	52.5°	5' 9-1/2"
	1045 H/V	45°	9' 7-11/16"		660 H/V	60°	5' 8-13/16"
	10525 H/V	52.5°	9' 7-7/8"		675 H/V	75°	5' 7"
	1060 H/V	60°	9' 6-9/16"		690 H/V	90°	5' 4-1/2"
	1075 H/V	75°	9' 3-5/8"		4075 H/V	7.5°	3' 11-15/16"
	1090 H/V	90°	9' 0"		415 H/V	15°	3' 11-7/8"
	8075 H/V	7.5°	7' 11-15/16"		4225 H/V	22.5°	3' 11-11/16"
	815 H/V	15°	7' 11-3/4"		430 H/V	30°	3' 11-3/8"
	8225 H/V	22.5°	7' 11-3/8"		4375 H/V	37.5°	3' 11-1/8"
	830 H/V	30°	7' 10-7/8"		445 H/V	45°	3' 10-3/4"
	8375 H/V	37.5°	7' 10-5/16"		4525 H/V	52.5°	3' 10-5/16"
	845 H/V	45°	7' 9-3/8"		460 H/V	60°	3' 9-7/8"
	8525 H/V	52.5°	7' 8-11/16"		475 H/V	75°	3' 8-1/2"
	860 H/V	60°	7' 7-15/16"		490 H/V	90°	3' 7-1/4"
	875 H/V	75°	7' 7-11/16"		4STR	N/A	N/A
	890 H/V	90°	7' 2-7/16"		6STR	N/A	N/A
	6075 H/V	7.5°	5' 11-15/16"		8STR	N/A	N/A
	615 H/V (Quick Ship)	15°	5' 11-13/16"		10STR	N/A	N/A

For additional information see brochure CS-3211.

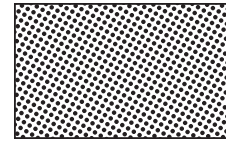
CAD drawings available on armstrong.com/serpentina



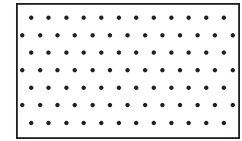
Serpentina main beams are identified by arc length. For example, a 690 hill main beam has a 5' 4-1/2" chord length and will occupy 5' 4-1/2" of ceiling area.



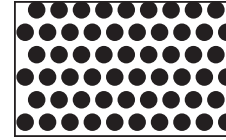
SERPENTINA Infill Panels



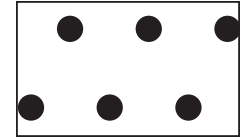
Perforated Panel (R042)
Perforations:
3/64" Dia. @ 1/8" O.C.
Open area: 11%
No border



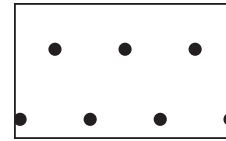
Perforated Panel (R062)
Perforations:
1/16" Dia. @ 1/4" O.C.
Open area: 6%
No border



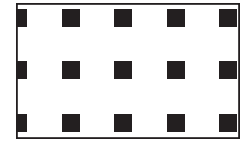
****Perforated Panel (R250)
Perforations:
1/4" Dia. @ 0.32" O.C.
Open area: 58%
Nominal 3/4" border



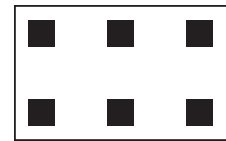
****Perforated Panel (R375)
Perforations:
3/8" Dia. @ 1-1/8" O.C.
Open area: 9%
Nominal 3/4" border



****Perforated Panel (R188)
Perforations:
3/16" Dia. @ 1" O.C.
Open area: 4%
Nominal 3/4" border



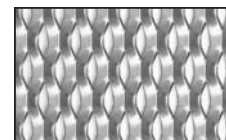
Perforated Panel (S250)
Perforations:
1/4" x 1/4" @ 3/4" O.C.
Open area: 11%
Nominal 3/4" border



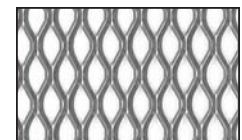
****Perforated Panel (S375)
Perforations:
3/8" x 3/8" @ 1-1/8" O.C.
Open area: 11%
Nominal 3/4" border



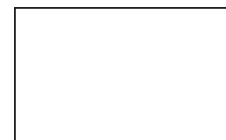
****Perforated Panel (S500)
Perforations:
1/2" x 1/2" @ 5/8" O.C.
Open area: 64%
Nominal 3/4" border



**Diamond Louver
Open area: 22%



**Diamond Sheer
Open area: 52%



Unperforated Panel (UPA)
Perforations: None

* Available with **Quick Ship Program**. Laminated acoustical fleece is not available on Perforated Panel R250 due to open cell percentage. Perforated Panel R250 achieves best performance in curved applications. Not recommended for flat applications.

** Available in Bright Clear Anodized only. Laminated acoustical fleece is not available on Diamond Sheer and Diamond Louver panels. Available as standard 2' x 2' lay-in panels.

*** Laminated acoustical fleece is not available on Perforated Panel S500 due to open cell percentage.

**** Tech Black, Fine Fissured™ HumiGuard® panels laminated to the back of Serpentina perforated metal panels provide a matching visual for flat areas adjacent to or within a Serpentina ceiling.

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1 877 276 7876

armstrong.com/ceilings

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