WOOD WORKS®

Linear

Veneered Planks & Panels, Solid Wood Panels

Inspiring Great Spaces®

Armstrong®

CEILING & WALL SOLUTIONS

It Starts with a Simple
LINE

Take solid wood and wood veneer ceilings and walls to the next level with linear visuals that bring depth, drama, and movement to spaces.

▶ Thirteen standard veneers, eleven solid wood finishes

▶ Traditional linear looks and tapered plank visuals

▶ Install on ceilings, walls, interiors, exteriors, and angled or curved transitions

▶ Custom veneers and stain matching available

▶ Create continuous looks and clouds with coordinating trim

▶ Complete system from one manufacturer

▶ Forest Stewardship Council® and Rainforest Alliance® certified

create a higher standard inside and out

WoodWorks® Linear panels ▶
Georgia State University, Humanities – Law Building, Atlanta, GA
Smith Group, Washington, DC

▲ WoodWorks® Linear panels; College Football Hall of Fame, Atlanta, GA; tvsdesign, Atlanta, GA

CREATE A LINEAR RHYTHM

Lines and patterns in ceilings and walls can introduce a captivating
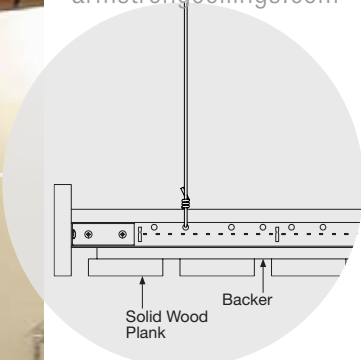visual tempo to an interior that creates a cadence to behold.

BEND THE RULES

Leave an impression with flowing forms that set a precedent for unconventional, memorable spaces.

▼ WoodWorks® Linear panels; Lebanon Valley College, Blair Hall, Annville, PA; Tono Architects, Lancaster, PA

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WOODWORKS® Linear/
WOODWORKS® Linear Exterior
Solid Wood Panels

WoodWorks® Linear Solid Wood panels in Grille Dark Cherry on Prelude® XL® 15/16" suspension system

CAD/Revit® drawings at:
armstrongceilings.com

Solid Wood Plank
Backer

plus capabilities to do more

armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

Now, standard linear solutions with the beautiful color variation and graining of solid wood for interior and exterior applications.

KEY SELECTION ATTRIBUTES

- Two plank widths – nominal 3" and nominal 5"
- Fast, easy installation – screw into suspension system or install with backer clip
- Create continuous looks and clouds with solid wood trim

- Complete standard system from one manufacturer
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option for interior applications
- Interior only panels are solid Poplar wood

- (new) Western Hemlock panels excellent for exterior applications
- (new) Six new exterior finishes, five interior finishes
- (new) Use 8118 or 8117 panels to transition from indoors to outdoors for dramatic design
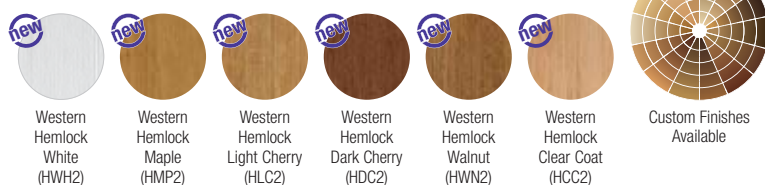
INTERIOR – ONLY FINISHES
Due to printing limitations, shade may vary from actual product.
Items 8176 and 8177 can only be used in interior applications.

Grille White (GWH)   Grille Maple (GMP)   Grille Light Cherry (GLC)   Grille Dark Cherry (GDC)   Grille Walnut (GWN)   Custom Finishes Available

NOTE: Interior only finishes will coordinate with Exterior/Interior finishes, but are not intended to match.

EXTERIOR/INTERIOR FINISHES
Due to printing limitations, shade may vary from actual product.
Items 8117 and 8118 can be used in either exterior or interior applications –
great to transition from indoors to outdoors with matching visual

Western Hemlock White (HWH2)   Western Hemlock Maple (HMP2)   Western Hemlock Light Cherry (HLC2)   Western Hemlock Dark Cherry (HDC2)   Western Hemlock Walnut (HWN2)   Western Hemlock Clear Coat (HCC2)   Custom Finishes Available

Armstrong®
CEILING & WALL SOLUTIONS

WOODWORKS® Linear
Solid Wood Panels

LEED®

| energy management | construction waste mgmt | regional materials ▲ | design for flexibility | EPD | recyclable/ extended producer resp. | biobased materials | FSC (for wood) | recycled content | sourcing of raw materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics |

▲ LOCATION DEPENDENT

WITH INFILL PANEL

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item No.	Description	Dimensions Nominal W x L x H (Inches)	Fire Rating	Acoustics NRC*

WOODWORKS® Linear Solid Wood Panels

Only applicable in indoor applications

INTERIOR ONLY (Includes 8176 and 8177) ◆

Custom Sizes Available

| | 8176W1 _ _ _ | Nominal 3" wide planks | 12 x 96 x 3/4" | See below | 0.60 |
| | 8177W1 _ _ _ | Nominal 5" wide planks | 12 x 96 x 3/4" | See below | 0.50 |

EXTERIOR/INTERIOR ONLY (Includes 8117 and 8118) ◆ ◆

| | 8117W1 _ _ _ _ | Nominal 3" wide planks | 12 x 96 x 3/4" | See below | 0.60 |
| | 8118W1 _ _ _ _ | Nominal 5" wide planks | 12 x 96 x 3/4" | See below | 0.50 |

◆ When specifying or ordering 8176 or 8177 include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 8176W1 G M P)
◆ ◆ When specifying or ordering 8117 or 8118 panels, include the 4-letter interior/exterior finish color suffix that coordinates with your woodworks ceiling: (e.g., 8117 H W N 2) GMP finishes are not available on Interior/Exterior
* NRC achieved with acoustical infill (Item 82001007).
NOTE: For additional color and size options, or acoustical felt available as a custom option, call TechLine at 1 877 276 7876.

ACCESSORIES FOR INTERIOR-ONLY PANELS

Item No.	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
7146 _ _ _	Solid Wood Trim	4 x 120 x 3/4"	See Finishes Below	Bulk
5687†	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail
5671 _ _ _	Ledger	1 x 96 x 1/4"	See Finishes Below	Bulk
7891	12 Gauge Soft Hanger Wire	144" Length	N/A	140
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
6657	BioAcoustic™ Infill Panel	11 x 48 x 5/8"	Black (Matte)	10
new 7239	Adjustable Trim Clip	—	—	50

† Backer clip should only be used when installing panels with 3" wide nominal planks.
NOTE: Adjustable Trim Clip – for use with black Axiom® trim

SUSPENSION SYSTEMS FOR INTERIOR-ONLY PANELS

15/16"

Prelude® XL®
(Black recommended)

Solid wood is a natural product and will exhibit natural variations in color, grain, and texture, and knot holes of up to 1/2" in diameter.

ACCESSORIES

Accessories, trim, infill panels are available.
Visit armstrongceilings.com/woodworks

PRELUDE XL SUSPENSION SYSTEM FOR EXTERIOR INSTALLATIONS

Item No.	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
7301G90ABL	12' Exterior HD Main Beam	144 x 15/16 x 1-11/16"	Black	20
XL7341G90ABL	4' Cross Tee	48 x 15/16 x 1-11/16"	Black	60
XL7321G90ABL	2' Cross Tee	24 x 15/16 x 1-11/16"	Black	60
HD7801G90ABL	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	Black	30

NOTE: Exterior grade screws, equivalent to #6 x 1" Zinc-Aluminum coated steel sheet metal screws, will be used to attach panels to the suspension system.

PHYSICAL DATA

Material
Items 8176 and 8177 – planks and backers are solid poplar.
Items 8117 and 8118 – planks and backers are solid western hemlock.

Surface Finish
Clear or tinted semigloss coating on all finishes except White (GWH and HWH2). White products have a lacquer finish. Items 8117 and 8118 have been manufactured to perform well in exterior conditions.

Fire Performance
Solid Poplar Hardwood Slats and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.
Class A intumescent treatment is available for all finishes except White (GWH and HWH2).

Contact TechLine at 1 877 276 7876 for details.
WoodWorks® Linear Solid Wood Panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations
Panels installed in exterior applications should be installed under overhangs, soffits or other covered spaces to protect them for direct contact with the elements. For interior-only panels, relative humidity between 25% and 55%, and temperature between 50 and 86 degrees F must be maintained.

Installation Consideration
System is designed to have a 1" gap between panels. Backer clip can only be used for installation of interior-only panels.

Seismic Restraint
WoodWorks Linear solid wood panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.
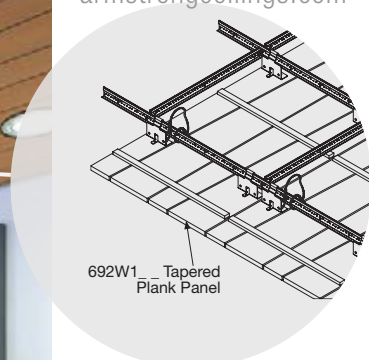
Warranty
Details at armstrongceilings.com

Weight
8117 – 1.25 lbs/SF
8118 – 1.25 lbs/SF
8176 – 1.25 lbs/SF
8177 – 1.25 lbs/SF
(Bulk packaged)
NOTE: exterior panels installed in extreme humid conditions can weigh up to 2 lbs/SF

Armstrong® 7
CEILING & WALL SOLUTIONS

WOODWORKS® Linear
Veneered Panels

692W1_ _ Tapered
Plank Panel

plus capabilities
to do more

armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

WoodWorks® Linear Veneer panels in tapered visual and Natural Variations™ Light Cherry finish

These unique tapered or traditional wood panels offer a variety of linear looks.

KEY SELECTION ATTRIBUTES

Veneered Panels

- Panels in nominal 4" or 6" widths
- Create continuous looks and clouds with veneer-wrapped and painted aluminum trim

- Hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility
- Complete standard system from one manufacturer (suspension system/ panels/trim)

- Factory-edge banded for superior quality
- 100% Biobased content
- BioAcoustic™ infill available for increased acoustical performance

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

Natural Variations™
(Real Wood Veneers)

Beech (NBE)	Maple (NMP)	Light Cherry (NLC)	Dark Cherry (NDC)

Walnut (NWN)	Oak (NOK)	Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)

Maple (CMA)	Cherry (CCY)	Walnut (CWA)	Redux Wood Wheat (CRW)

Bamboo*

Patina (BAP)	Native (BAN)

Custom Veneers
Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

Armstrong®
CEILING & WALL SOLUTIONS

WOODWORKS® Linear
Veneered Panels

VISUAL SELECTION

Edge Profile	Item No. ◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available
FSC®-certified WOODWORKS® Linear Veneered Panels			
3/4" Reveal	6690W1 _ _ _	Nominal 4" wide planks	24 x 96 x 3/4"
1/4" Reveal	6691W1 _ _ _	Nominal 6" wide planks	24 x 96 x 3/4"
1/4" Reveal	6692W1 _ _ _	Tapered planks	24 x 96 x 3/4"

◆ When specifying or ordering, include the appropriate 3-letter color suffixes.
NOTE: Veneers and sizes available as special order; call TechLine at 1 877 276 7876.

PERFORMANCE

Fire Rating	Acoustics NRC*
Class A	0.45
Class A	0.20
Class A	0.20

* NRC achieved with BioAcoustic™ infill (item 6657).

EXAMPLE: **6690W1 NLC**

Panel Dimension/Type: 2' x 8' Nominal 4" wide planks

Finish: Natural Variations™ Light Cherry

ACCESSORIES

Item No. ◆	Description	Dimensions Nominal (Inches)	Color	Pieces/ Carton
6603W1_ _ _	WoodWorks Concealed Trim**	6" x 120"	Standard Veneers and Black (BL)	6
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black	12
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
6408_ _ _	Edge Banding	300" x 3/4"	Standard Veneers (see page 177)	1
new 7239	Adjustable Trim Clip	—	—	50

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6408 N M P).
** Trim cartons include FXTBC Clips and FX4SPLICE Splice Plates.
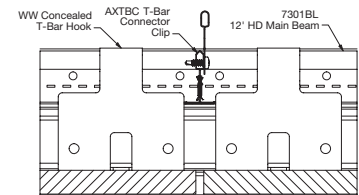NOTE: Adjustable Trim Clip – for use with black Axiom® trim

SUSPENSION SYSTEMS

When ordering suspension system materials, please note that this product requires Prelude® 15/16" Heavy-duty (HD) main beams and 2' cross tees that are full height (1-11/16"). Both suspension system components should be specified in Tech Black (BL).

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5986	T-Bar Hook†	Nominal 4 x 2 x 3"	50
7123	Wood Screws	5/8"	300/Pkg
6091	Safety Cable	24" x 3/32"	50 (2 required per panel)
SH12	Support Hanger	144" x 2"	12

† For 24" x 96" panel, install eight hooks. NOTE: three screws per hook.
NOTE: Refer to installation instructions at armstrongceilings.com/installation for a better understanding of suspension system requirements.

WW Concealed T-Bar Hook | AXTBC T-Bar Connector Clip | 7301BL 12' HD Main Beam

Installation Detail

PHYSICAL DATA

Material
FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.
Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions.
It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Design Considerations
Cloud installations with total panel width less than 6' wide are not recommended.
Cloud installations with total panel length less than 16' wide cannot be done.

Specification Consideration
Attention: For FSC®-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint
WoodWorks® Linear panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty
Details at armstrongceilings.com

Weight
6690, 6691, 6692 – 2.75 lbs/SF; bulk-packaged per order.
Suspension system, hardware, and accessories ordered separately.
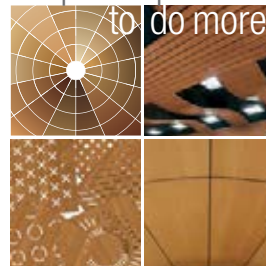
WOODWORKS® Linear
Veneered Planks

Linear Carrier with Integrated Clips

plus capabilities to do more

WoodWorks® Linear planks 96" x 3-3/4" in Natural Variations™ Light Cherry; Ceiling-to-Wall Faceted Transition

Standard, easy-to-install wood veneer planks offer a variety of installation options.

KEY SELECTION ATTRIBUTES

Lineared Planks

- Standard wood planks in two widths; nominal 4-1/2" and 6" modules, with traditional 3/4" reveals
- Standard factory-applied acoustic fleece

- Installation system allows for installation on the ceiling, wall, at 90º angle, or in a curved ceiling-to-wall transitions (one-foot minimum radius)
- Create upturns for continuous visuals and clouds with veneer-wrapped WoodWorks® trim

- Suspension system and planks from one manufacturer; improved for 30-50% faster installation
- 100% Biobased content

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

Natural Variations™
(Real Wood Veneers)

Beech (NBE)	Maple (NMP)	Light Cherry (NLC)	Dark Cherry (NDC)
Walnut (NWN)	Oak (NOK)	Walnut Espresso (NWE)	

Constants™
(Real Wood Veneers)

Maple (CMA)	Cherry (CCY)	Walnut (CWA)	Redux Wood Wheat (CRW)

Bamboo*

Patina (BAP)	Native (BAN)

Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

Armstrong®
CEILING & WALL SOLUTIONS

WOODWORKS® Linear
Veneered Planks

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item No. ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Fire Rating	Acoustics NRC**
WOODWORKS® Linear – Nominal 4-1/2" Module					
	6440W1_ _ _	96 x 3-3/4 x 3/4" with 3/4" reveal		Class A	0.45 0.60**
	6640W1_ _ _ (FSC®-certified)	96 x 3-3/4 x 3/4" with 3/4" reveal		Class A	0.45 0.60**
WOODWORKS Linear – Nominal 6" Module					
	6460W1 _ _ _	96 x 5-1/4 x 3/4" with 3/4" reveal		Class A	0.40 0.50**
	6660W1 _ _ _ (FSC®-certified)	96 x 5-1/4 x 3/4" with 3/4" reveal		Class A	0.40 0.50**

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6440W1 N M P)

** Adding acoustical infill (item 8200100, 5479, or 5823) for 4-1/2" module increases the NRC to 0.60. Adding acoustical fiberglass infill for 6" module increases the NRC to 0.45; adding BioAcoustic™ infill 5479 increases NRC to 0.50. For additional infill options, refer to the Acoustical Infill Panels catalog page 200.

ACCESSORIES For additional accessory items see pages 183-184.

Item No.	Description	Dimensions Nominal (Inches)	Pieces/Carton
5843	Linear Wood Panel Splice	—	100
5948	Linear and Channeled Trim Connector Clip	N/A	30
RC2BL	Radius Clip for faceted grid applications (Black)	—	205 pcs/bucket
6459BL	Rigid Attachment Clip (Black)	5-1/2" x 1-3/4"	25
7239 *new*	Adjustable Trim Clip	—	50

NOTE: Adjustable Trim Clip – for use with black Axiom® trim

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels are available.
Visit armstrongceilings.com/woodworks

SUSPENSION SYSTEM

Item Number	Description	Color	Dimensions (Inches)	Pieces/Carton
5370	12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 4-1/2" modules	Black	144 x 15/16 x 1-11/16"	10 (Approx. 240 SF/ctn installed with planks)
5371	12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 6" modules	Black	144 x 15/16 x 1-11/16"	10 (Approx. 240 SF/ctn installed with planks)

NOTE: For radiused applications, use standard panels and HD linear carriers faceted 12" on center with RC2BL clips.

PHYSICAL DATA

Material
Fire-retardant particle board with face-cut veneers. FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc

Factory-applied black fleece on each plank to cover the reveal.

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Linear wood, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks® planks are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

Specification Consideration
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Installation Considerations
Installation can use staggered, random joints for a monolithic appearance or consistent lengths for a modular style. For expansion, a 3/4" gap is recommended at every 24-foot run of plank. See installation instructions BPLA-297443 at armstrongceilings.com/installation.

Seismic Restraint
WoodWorks Linear planks have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty
Warranty details at armstrongceilings.com

Weight
6440, 6640 – 2.88 lbs/SF
6460, 6660 – 2.89 lbs/SF
(Bulk packaged)

TAKE
THE NEXT
STEP

1 877 276 7876

Customer Service Representatives
7:45 a.m. to 5:00 p.m. EST
Monday through Friday

TechLine – Technical information, detail drawings,
CAD design assistance, installation information,
other technical services – 8:00 a.m. to 5:30 p.m. EST,
Monday through Friday. FAX 1 800 572 8324
or email: techline@armstrongceilings.com

armstrongceilings.com/commercial

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CAD, Revit®, SketchUp® files

A Ceiling for Every Space® Visual Selection Tool

Product literature and samples – express service
or regular delivery

Contacts – reps, where to buy, who will install

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1 800 988 2585
email: solutionscenter@armstrongceilings.com
armstrongceilings.com/youinspire

Design Assistance

Collaborative design

Detail drawings

Specifications

Planning and budgeting

Pre-construction Assistance

Layout drawings for standard
and premium products

Project installation recommendations

Contractor installation assistance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

armstrongceilings.com/woodworks

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