



WOOD  
WORKS<sup>®</sup>  
Linear  
Veneered Planks  
& Panels, Solid  
Wood Panels

Inspiring Great Spaces<sup>®</sup>

**Armstrong**<sup>®</sup>  
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

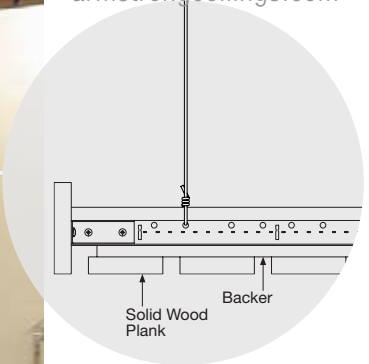
Leave an impression with flowing forms that set a precedent for unconventional, memorable spaces.

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



# WOODWORKS® Linear/ WOODWORKS® Linear Exterior Solid Wood Panels

CAD/Revit® drawings at:  
[armstrongceilings.com](http://armstrongceilings.com)



plus capabilities  
to do more

[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

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

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

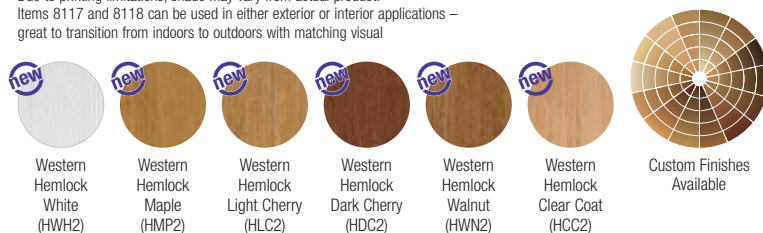
Due to printing limitations, shade may vary from actual product. Items 8176 and 8177 can only be used in interior applications.



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



# WOODWORKS® Linear

## Solid Wood Panels

For LEED contribution contact TechLine





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*
<b>WOODWORKS® Linear Solid Wood Panels</b>					
<b>INTERIOR ONLY (Includes 8176 and 8177) ◆</b>				Only applicable in indoor applications	
				<b>Custom Sizes Available</b>	
	<b>8176W1</b> _ _ _	Nominal 3" wide planks	12 x 96 x 3/4" <input type="text"/>	See below	0.60
	<b>8177W1</b> _ _ _	Nominal 5" wide planks	12 x 96 x 3/4" <input type="text"/>	See below	0.50
<b>EXTERIOR/INTERIOR ONLY (Includes 8117 and 8118) ◆◆</b>					
	<b>8117W1</b> _ _ _ _	Nominal 3" wide planks	12 x 96 x 3/4" <input type="text"/>	See below	0.60
	<b>8118W1</b> _ _ _ _	Nominal 5" wide planks	12 x 96 x 3/4" <input type="text"/>	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 **GMP**)

◆◆ 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 **HWN2**) 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
<b>7146</b> _ _ _	Solid Wood Trim	4 x 120 x 3/4"	See Finishes Below	Bulk
<b>5687†</b>	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail
<b>5671</b> _ _ _	Ledger	1 x 96 x 1/4"	See Finishes Below	Bulk
<b>7891</b>	12 Gauge Soft Hanger Wire	144" Length	N/A	140
<b>92715A620</b>	Self-tapping Screws	#2 x 3/4" Length	Black	25
<b>6657</b>	BioAcoustic™ Infill Panel	11 x 48 x 5/8"	Black (Matte)	10
<b>7239</b>	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"



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](http://armstrongceilings.com/woodworks)

### PRELUDE XL SUSPENSION SYSTEM FOR EXTERIOR INSTALLATIONS

Item No.	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
<b>7301G90ABL</b>	12' Exterior HD Main Beam	144 x 15/16 x 1-11/16"	Black	20
<b>XL7341G90ABL</b>	4' Cross Tee	48 x 15/16 x 1-11/16"	Black	60
<b>XL7321G90ABL</b>	2' Cross Tee	24 x 15/16 x 1-11/16"	Black	60
<b>HD7801G90ABL</b>	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](http://armstrongceilings.com)

#### Weight

8117 – 1.25 lbs/SF

8118 – 1.25 lbs/SF

8176 – 1.25 lbs/SF

8177 – 1.25 lbs/SF

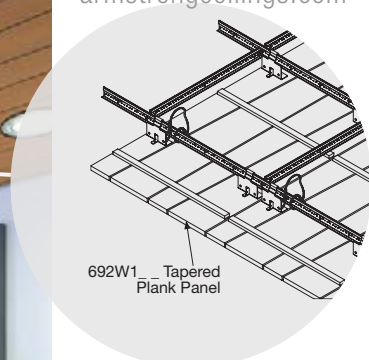
(Bulk packaged)

NOTE: exterior panels installed in extreme humid conditions can weigh up to 2 lbs/SF

# WOODWORKS® Linear

## Veneered Panels

CAD/Revit® drawings at:  
armstrongceilings.com



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)



#### Constants™ (Real Wood Veneers)



#### Bamboo\*



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.



# WOODWORKS® Linear Veneered Panels



UP TO 75% RECYCLED CONTENT

For LEED contribution contact TechLine

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
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## VISUAL SELECTION

Edge Profile	Item No. ◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available
	<b>6690W1</b> _ _ _	Nominal 4" wide planks	24 x 96 x 3/4"
	<b>6691W1</b> _ _ _	Nominal 6" wide planks	24 x 96 x 3/4"
	<b>6692W1</b> _ _ _	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).

## ACCESSORIES

Item No. ◆	Description	Dimensions Nominal (Inches)	Color	Pieces/ Carton
<b>6603W1</b> _ _ _	WoodWorks Concealed Trim**	6" x 120"	Standard Veneers and Black (BL)	6
<b>8200100</b>	Fiberglass Infill Panel	24 x 24 x 1"	Black	12
<b>5479</b>	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige	12
<b>5823</b>	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
<b>6408</b> _ _ _	Edge Banding	300" x 3/4"	Standard Veneers (see page 177)	1
<b>7239</b>	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

### EXAMPLE: 6690W1 NLC

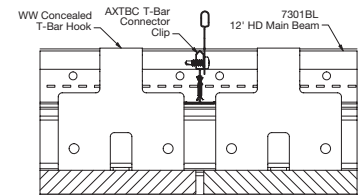
Panel Dimension/Type: 2' x 8' Nominal 4" wide planks  
Finish: Natural Variations™ Light Cherry

## 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
<b>5986</b>	T-Bar Hook†	Nominal 4 x 2 x 3"	50
<b>7123</b>	Wood Screws	5/8"	300/Pkg
<b>6091</b>	Safety Cable	24" x 3/32"	50 (2 required per panel)
<b>SH12</b>	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.



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

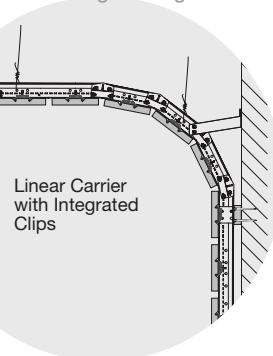
### Weight

6690, 6691, 6692 – 2.75 lbs/SF; bulk-packaged per order. Suspension system, hardware, and accessories ordered separately.

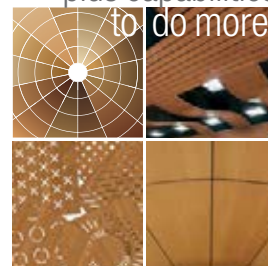
# WOODWORKS® Linear

## Veneered Planks

CAD/Revit® drawings at:  
armstrongceilings.com



plus capabilities  
to do more



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

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 90° 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)



#### Constants™ (Real Wood Veneers)



#### Bamboo\*



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.

# WOODWORKS® Linear

## Veneered Planks



USDA  
CERTIFIED  
BIOBASED  
PRODUCT 100%



UP TO 75% RECYCLED CONTENT

For LEED contribution contact TechLine



### VISUAL SELECTION

### PERFORMANCE

Edge Profile	Item No. ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available
<b>WOODWORKS® Linear – Nominal 4-1/2" Module</b>		
	6440W1 _ _ _	96 x 3-3/4 x 3/4" with 3/4" reveal
	6640W1 _ _ _ (FSC®-certified)	96 x 3-3/4 x 3/4" with 3/4" reveal
<b>WOODWORKS Linear – Nominal 6" Module</b>		
	6460W1 _ _ _	96 x 5-1/4 x 3/4" with 3/4" reveal
	6660W1 _ _ _ (FSC®-certified)	96 x 5-1/4 x 3/4" with 3/4" reveal

Fire Rating	Acoustics NRC**
Class A	0.45 0.60**
Class A	0.45 0.60**
Class A	0.40 0.50**
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	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](http://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/woodworksfscc](http://armstrongceilings.com/woodworksfscc)

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](http://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](http://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](mailto:techline@armstrongceilings.com)

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[armstrongceilings.com/youinspire](http://armstrongceilings.com/youinspire)

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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

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