



# Xorel Artform<sup>®</sup>

## Product Specification Sheet





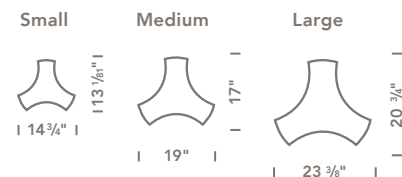
## Xorel Artform<sup>®</sup>

Xorel Artform is a versatile acoustical panel system that combines the beauty and performance of Xorel textiles with proven sound absorbing capabilities to transform interior wall and ceiling spaces in form and function without disruption.

# Wall/Ceiling Mounted and Horizontal Suspension Applications

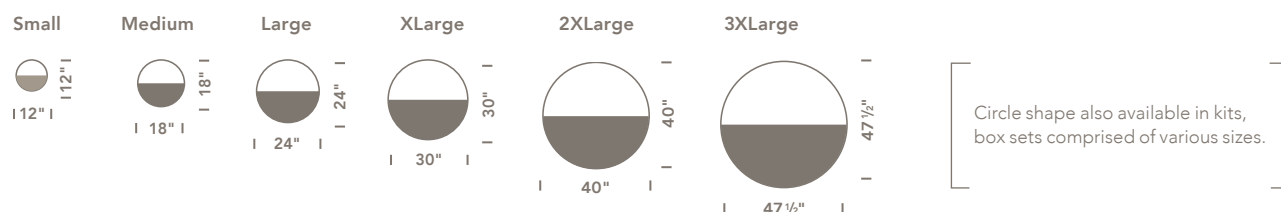
## SHAPES & SIZES

### Arc

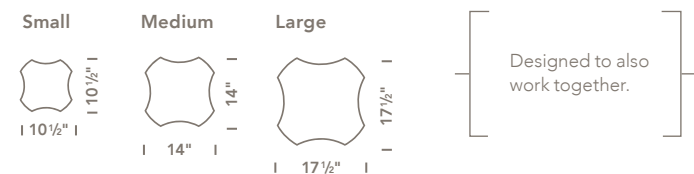


### Circle / Circle 3D

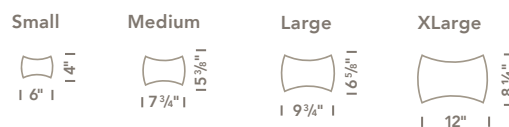
Standard and 3D shapes share the same dimensions



### Criss

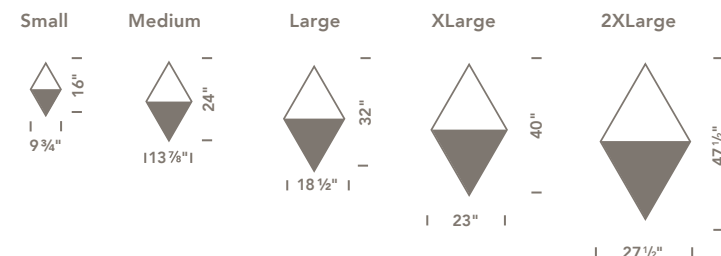


### Cross

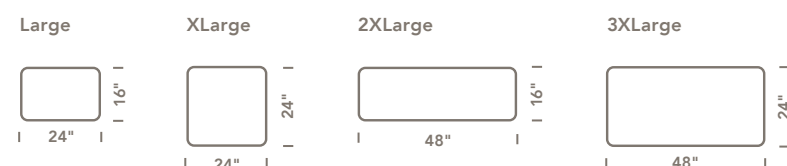


### Diamond / Diamond 3D

Standard and 3D shapes share the same dimensions



### Flip

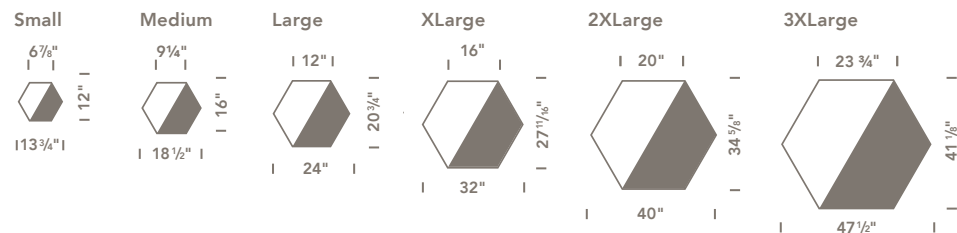


# Wall/Ceiling Mounted and Horizontal Suspension Applications

## SHAPES & SIZES

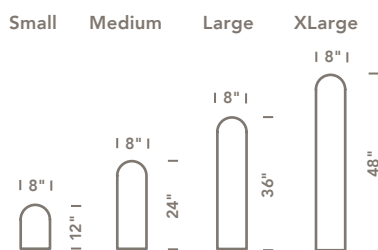
### Hex / Hex 3D

Standard and 3D shapes share the same dimensions

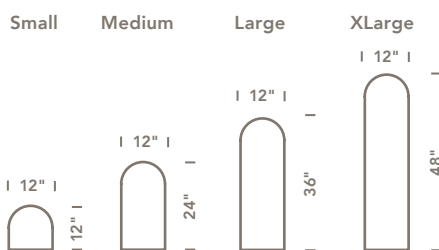


### Peak

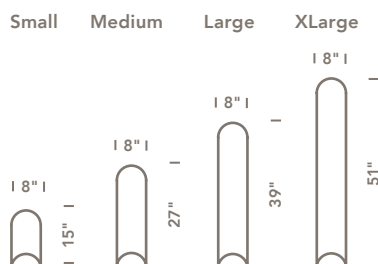
#### Peak A8



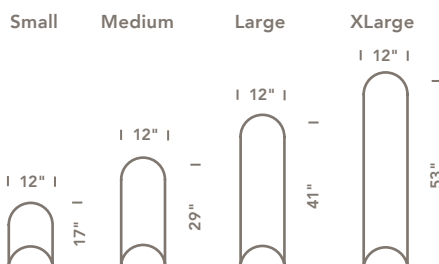
#### Peak A12



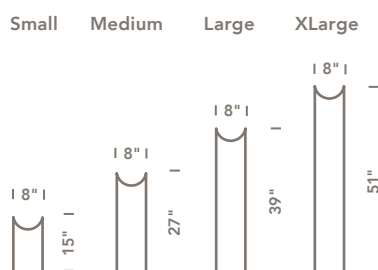
#### Peak B8



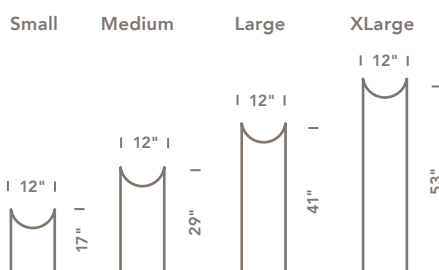
#### Peak B12



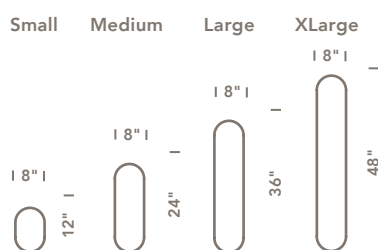
#### Peak C8



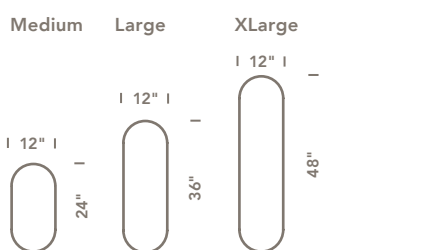
#### Peak C12



#### Peak D8



#### Peak D12

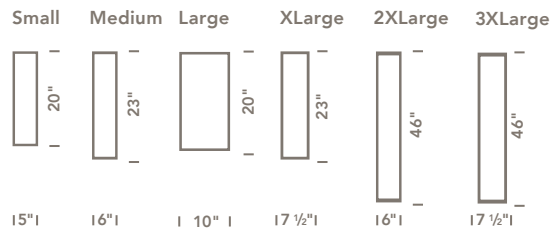




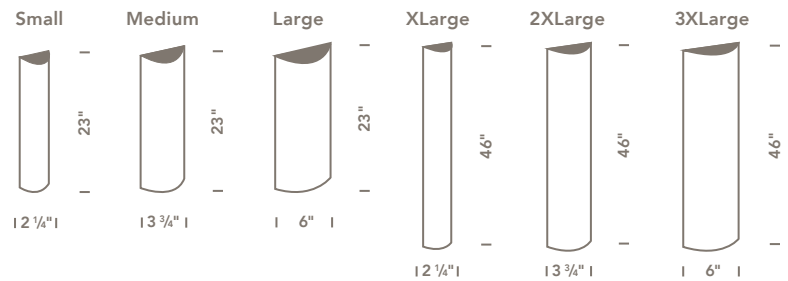
# Wall/Ceiling Mounted and Horizontal Suspension Applications

## SHAPES & SIZES

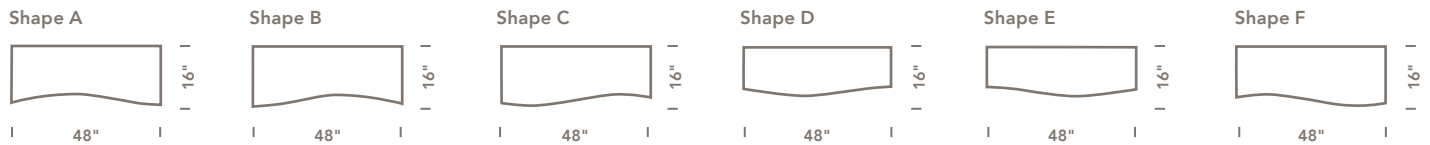
### Plank



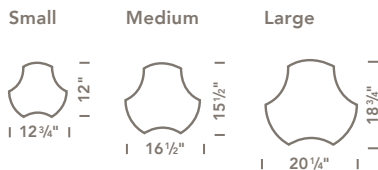
### Ridge



### Ripple

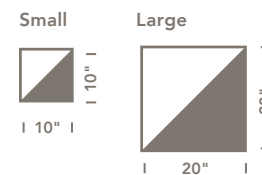


### Scale

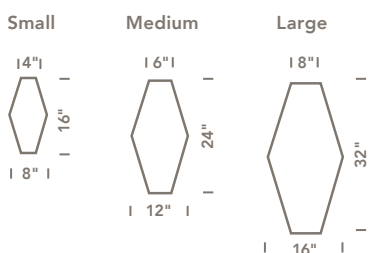


### Square / Square 3D

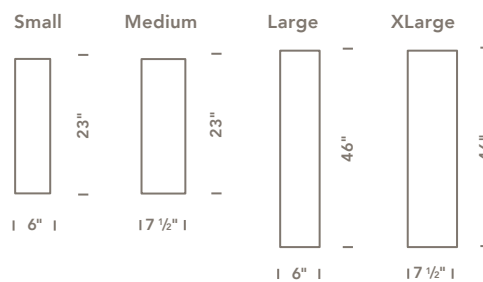
Standard and 3D shapes share the same dimensions



### Tall Hex

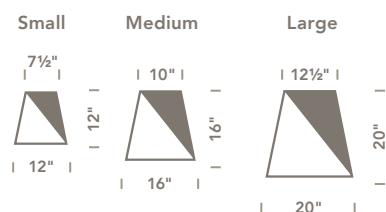


### Valley



### Waveline / Waveline 3D

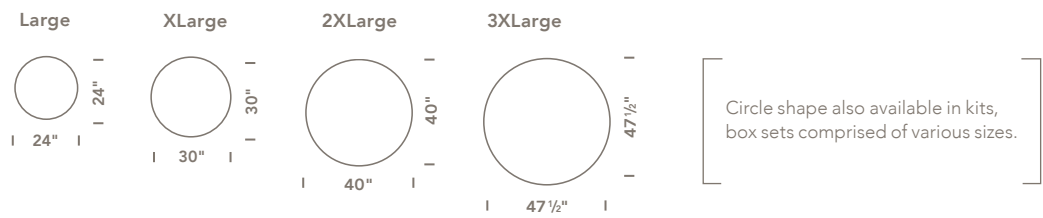
Standard and 3D shapes share the same dimensions



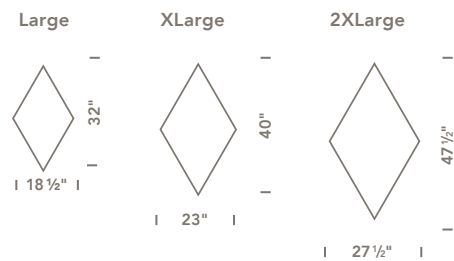
# Vertical Suspension Application (Baffles)

## SHAPES & SIZES

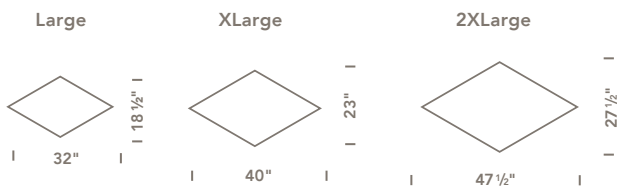
### Circle



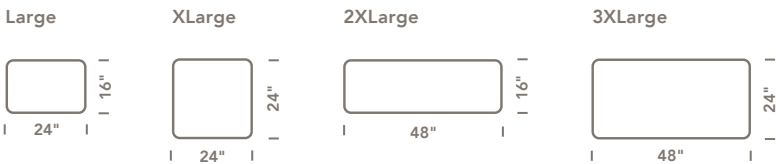
### Diamond Vertical



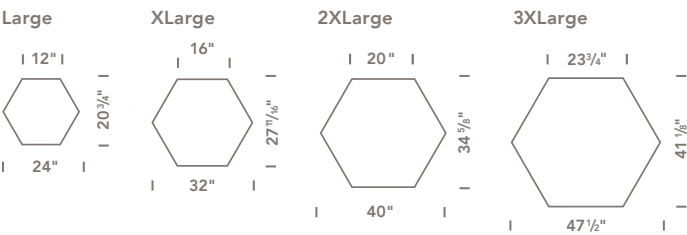
### Diamond Horizontal



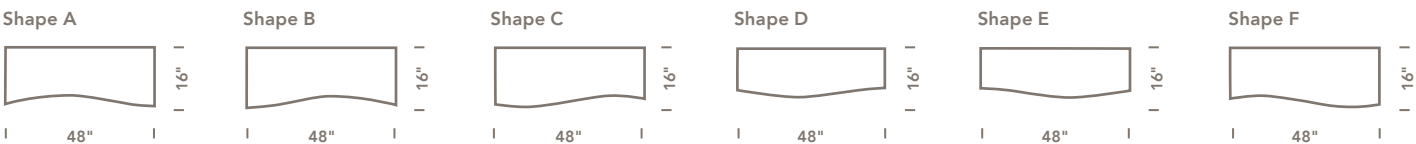
### Flip



### Hex



### Ripple

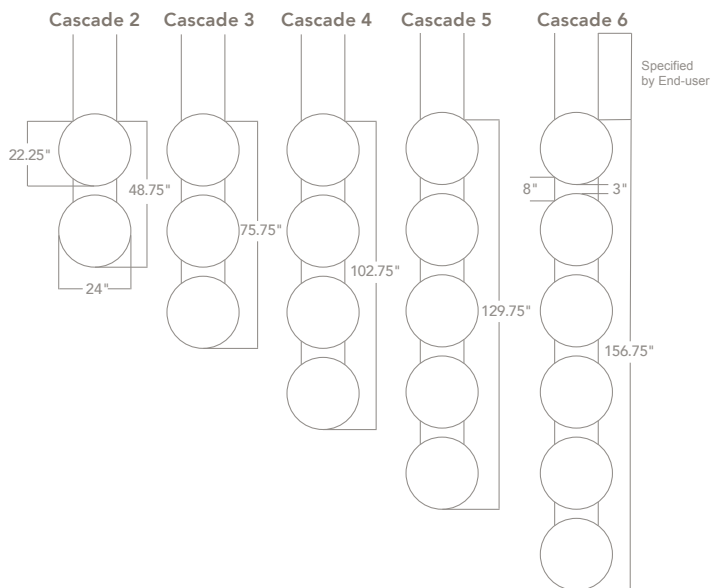




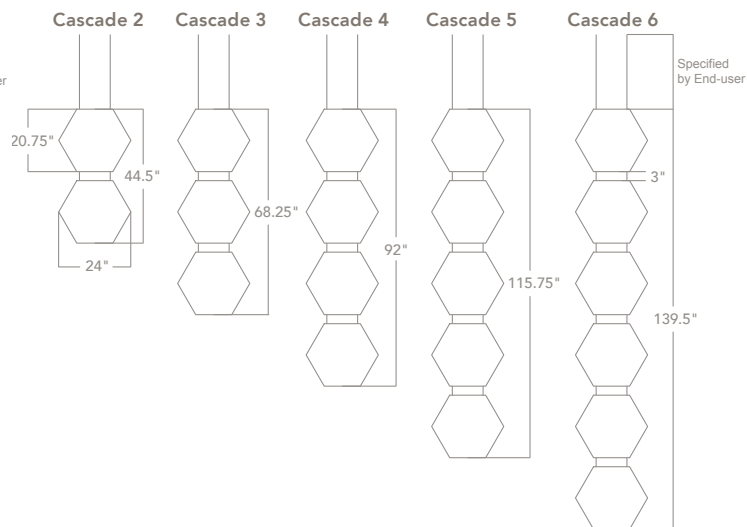
# Dual-Sided Partition Application (Cascade)

## SHAPES & SIZES

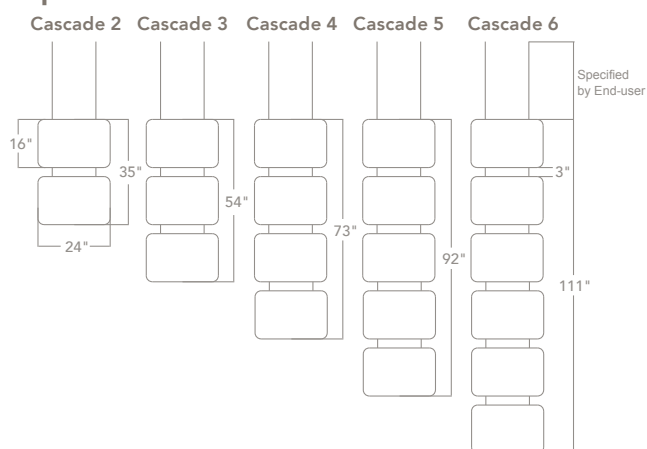
### Circle Cascade



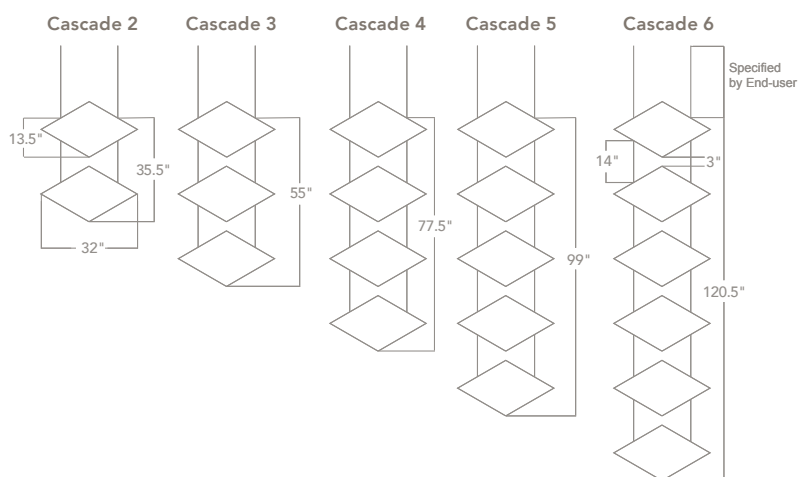
### Hex Cascade



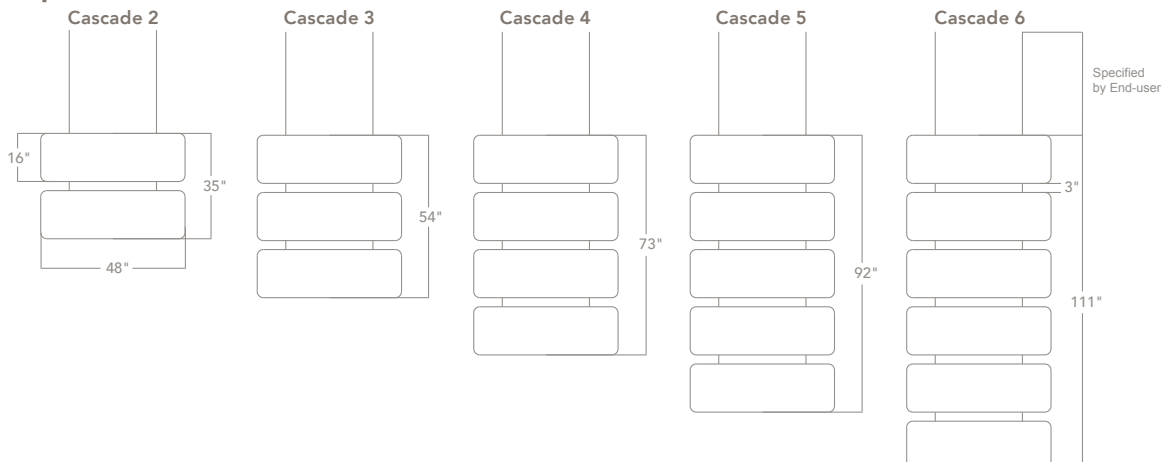
### Flip L Cascade



### Diamond Cascade



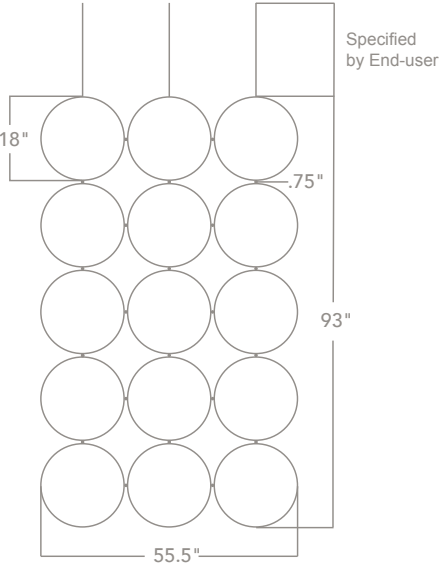
### Flip 2XL Cascade



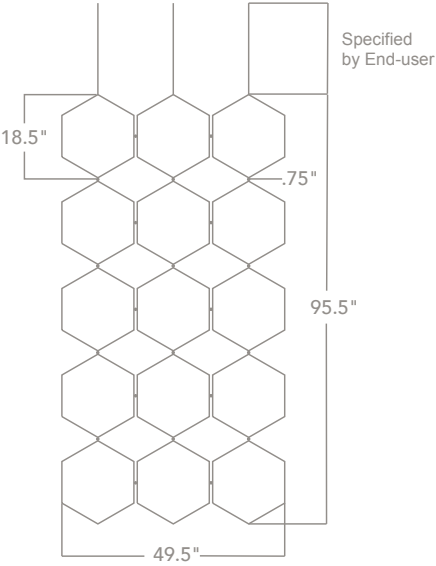
# Dual-Sided Partition Application (Connect)

## SHAPES & SIZES

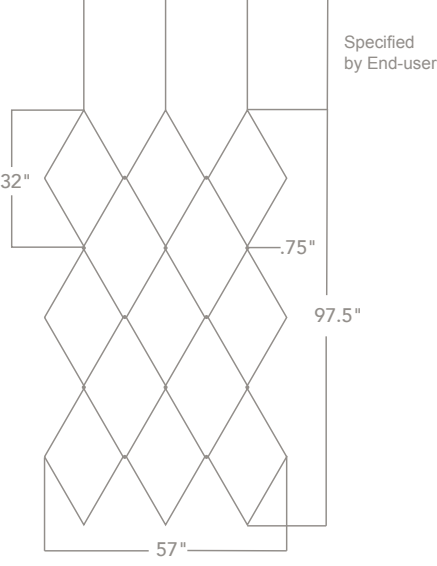
Circle Connect



Hex Connect



Diamond Connect





# Substrate Options and Acoustical Performance

Xorel Artform is available in three substrates:  
Quiet-Core™, Quiet-Core Plus™ and Mi-Core™

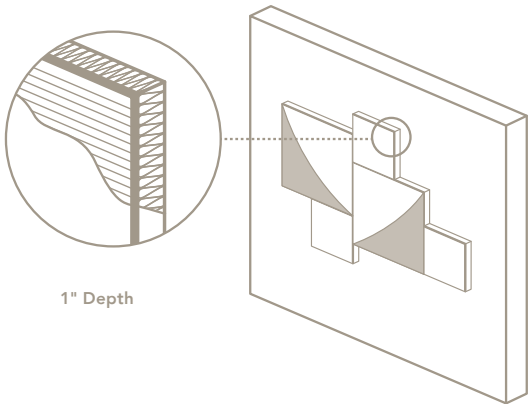
## Quiet-Core™

This acoustical substrate is sound absorbing, formaldehyde-free and manufactured with 20% post-consumer recovered materials. It is available in a 1" thickness and used for all 3D shapes. It meets ASTM E84 Class A/Class 1.

Not recommended as a tackable surface.

### Acoustical Performance

250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
.25	.84	1.06	1.03	.99	.80



## Acoustical Performance for Carnegie Textile Options

Name	Number	Content	Cleaning	NRC*
Alex	101210	100% Trevira CS Polyester	WS	0.80
Channel	5304	47% PCR Polyester, 41% Polyester, 12% Polyester	WS	0.80
Elite	6412	100% Polyester	WS	0.80
Origin	6238	100% Polyester	WS	0.70
Ponte	5510	100% Trevira CS Polyester	WS	0.80
Pulse	5332	100% Recycled Polyester	WS	0.80
Theory	6142	100% Polyester	WS	0.75

\*when wrapped on  
Quiet-Core™ substrate

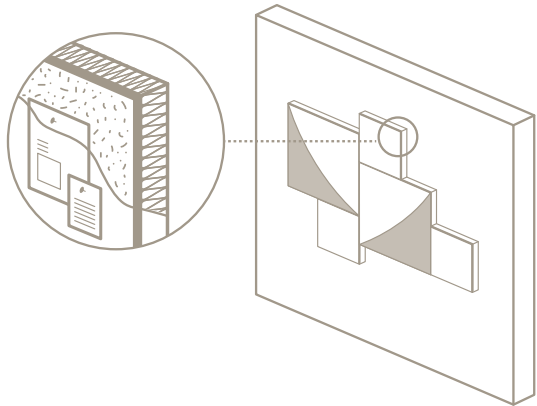
# Substrate Options and Acoustical Performance

## Quiet-Core Plus™

Quiet-Core Plus is a tackable and acoustical solution. Constructed with a 1/8" high density substrate of inorganic minerals & wool blend fastened to the face of the standard Quiet-Core panel. **This substrate provides tackability (all 3D shapes are not tackable) and exceptional acoustical**

### Acoustical Performance

250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
.53	1.07	.92	.68	.55	.80



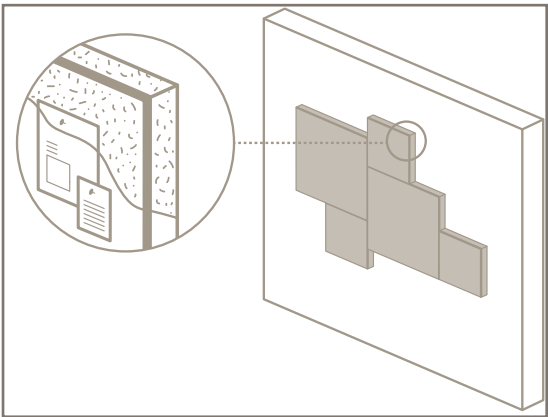
## Mi-Core™

This **tackable** substrate offers moderate acoustical properties. Mi-Core is constructed with inorganic minerals and fibers making it resistant to moisture and warping. **Mi-Core is a dense material recommended for high traffic areas.** It is available in 1/2" & 3/4" thickness. It meets ASTM E84 Class A/Class 1.

**3D shapes are NOT available in Mi-Core Substrate.**

### Acoustical Performance

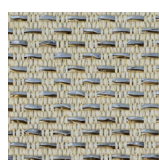
250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
.18	.31	.36	.41	.46	.30



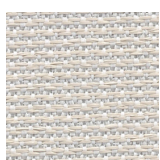


# Xorel Textile Options

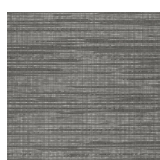
## SOLIDS AND TEXTURES



Braid



Circuit



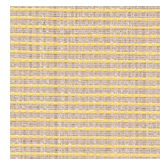
Comet



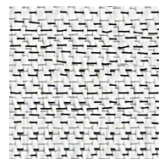
Dash



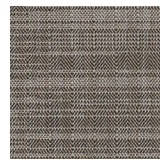
Dover



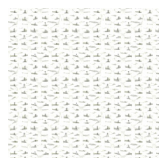
Flash Back



Flux



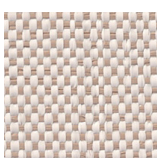
Galway



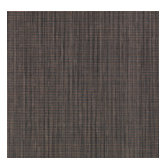
Gamma



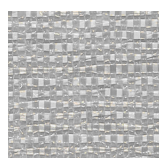
Linen



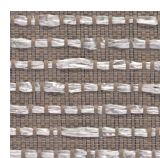
Meteor



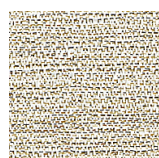
Mojave Matte



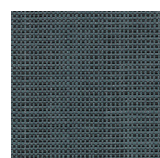
Nexus



Pipeline



Quarry



Sahara Matte



Spire



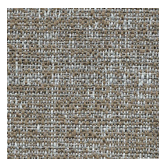
Strie



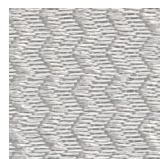
Tangle



Twine

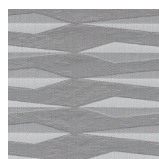


Windsor



Zipper

## JACQUARDS



Arrow



Ashford



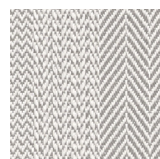
Haze



Kaleidoscope



Limestone



Switch



Trace

## EMBOSS AND EMBROIDER



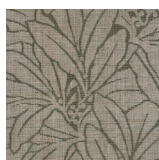
Antoinette  
Couture



Axis  
Embroider



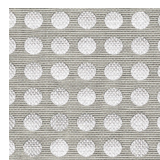
Baja  
Embroider



Bloom Emboss



Brigitte  
Couture



Coco Couture



Deco  
Embroider



Ellipse  
Embroider



Fractal  
Emboss



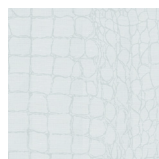
Fragment  
Emboss



Genome  
Embroider



Hoop  
Embroider



Nile Emboss



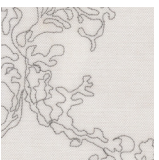
Parchment  
Emboss



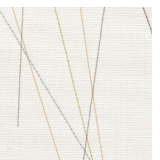
Veneer Emboss



Satellite  
Embroider



Silhouette  
Embroider



Sleet  
Embroider



Switch  
Embroider

# Carnegie Textile Options



Channel



Elite



Origin



Pulse



Theory

## SPECIALTY TEXTILES



Alex



Ponte

*\*Speciality Textiles: Alex & Ponte*



# Install with Ease

## WALL MOUNTED INSTALLATION

Fast and easy to install with little disruption or major clean up, Xorel Artform is the optimal solution to address post-occupancy acoustical issues. Panels are lightweight and install simply with a Quick Grab adhesive, 3M Command™ strips or Velcro® fasteners, eliminating the high labor costs associated with rail and hardware systems.

### Flush Mounting Options

#### Quick Grab

Quick Grab adhesive is a VOC-compliant construction adhesive with very low odor for little to no off-gassing. It fits standard caulk guns for easy installation.

#### Quick Grab Concrete

Xorel Artform can be installed on flat and smooth concrete surfaces with Quick Grab Concrete. Use on highly textured surfaces could potentially result in uneven installation.

#### 3M Command™ Strips

Command Strip install method enables the product to be mounted securely and then removed with no damage to the panels or painted wall. Panels then can be boxed and transported to the next location and mounted again; even in a new configuration.

#### Velcro® Fasteners

Velcro fasteners are also offered as a flexible mounting option.

To ensure complete customer satisfaction and achieve superior installation results, a Preferred Installer Network of vetted and trained professionals expert in the capabilities, ordering and installation practice of Xorel Artform is available as an added service.



# Install with Ease

## CEILING MOUNTED INSTALLATION

The ability to horizontally hang panels or panel groupings to reduce reflected sound opens up the opportunities for creative acoustical solutions overhead. Xorel Artform acoustic Quiet-Core™ panels are lightweight and can be flush-mounted onto sheetrock and concrete ceilings or suspended. Suspension mounting in tiled configurations or single panels is simple when ordered with our ready-to-fasten hardware system.

### Flush Mounting Options

#### Quick Grab

Quick Grab adhesive is a VOC-compliant construction adhesive with very low odor for little to no off-gassing. It fits standard caulk guns for easy installation.

#### Quick Grab Concrete

Xorel Artform can be installed on flat and smooth concrete surfaces with Quick Grab Concrete. Use on highly textured surfaces could potentially result in uneven installation.

### Horizontal Suspension Options

#### Ceiling Horizontally Suspended—Tiled

Xorel Artform panels are manufactured with ready-to-fasten hardware. *Hanging rods and joiner strips* for tiling are included in each box set.

Not available in Small size shapes. Not applicable for Cross or Ridge panel shapes. Must tile panels in groups of three or more.

#### Ceiling Horizontally Suspended—Individual

Xorel Artform panels are manufactured with ready-to fasten hardware for individual suspension mounting. Installation materials, including *plate and rod hardware*, is sold separately.

Available in select shapes and sizes: Circle/Circle 3D/Hex/Hex 3D in sizes M/L/XL/2XL/3XL, Criss/ Scale/Square/Square 3D/Tall Hex in size L, Diamond/Diamond 3D in sizes L/XL/2XL, Waveline/Waveline 3D in sizes M/L.

Ceiling plate hardware is paintable, Krylon dual paint-primer spray is recommended. Rod hardware must be primed prior to painting.



Ceiling Horizontal Suspension for Individual Panels



# Install with Ease

## VERTICALLY SUSPENDED BAFFLE INSTALLATION

Vertically suspended ceiling baffles not only open up design possibilities but also allow for sound absorption on both sides for increased sound clarity. Especially suited for large spaces or areas with limited wall space, baffles can be vertically suspended using hanging rods or cables on all ceilings, including drop ceilings.

### Suspension Mounting Options

#### Ceiling Vertically Suspended Baffles Using Cables

Xorel Artform baffles are manufactured with ready-to-fasten hardware for ceiling suspension. Installation materials, including *cables and pendants*, for vertically suspended baffles are included in each box set.

#### Ceiling Vertically Suspended Baffles Using Rods

Xorel Artform baffles are manufactured with ready-to-fasten hardware for ceiling suspension. Installation materials, including *hanging rods*, for vertically suspended baffles are included in each box set.

#### Drop Ceiling Vertically Suspended Baffles Using Cables

Xorel Artform baffles are manufactured with ready-to-fasten hardware for drop ceiling suspension. Installation materials, including *cables and T-bar clips*, for drop ceiling suspension are included in each box set.

#### Drop Ceiling Vertically Suspended Baffles Using Rods

Xorel Artform baffles are manufactured with ready-to-fasten hardware for drop ceiling suspension. Installation materials, including *T-bar clips and rod hardware*, for drop ceiling suspension are included in each box set.



Ceiling Vertically Suspended Baffles Using Cables



Drop Ceiling Vertically Suspended Baffles Using Cables



# Install with Ease

## VERTICALLY SUSPENDED DUAL-SIDED PARTITION INSTALLATION

Xorel Artform Cascade and Connect provides a bold interior statement that effectively divides open spaces. Especially suited for large spaces or areas with limited wall space, dual-sided partitions can be vertically suspended using cables on all ceilings, including drop ceilings.

### Suspension Mounting Options

#### Ceiling Vertically Suspended Dual-Sided Partitions Using Cables

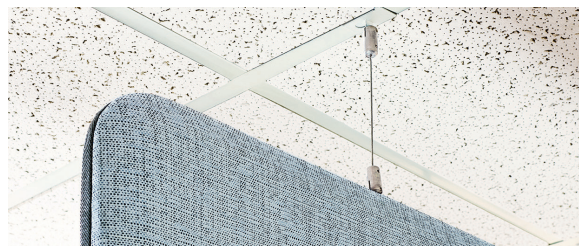
Xorel Artform Cascade and Connect are manufactured with ready-to-fasten hardware for ceiling suspension. Installation materials, including cables and pendants, for the vertically suspended partitions are included in each box set.



Ceiling Vertically Suspended Partitions Using Cables

#### Drop Ceiling Vertically Suspended Dual-Sided Partitions Using Cables

Xorel Artform Cascade and Connect are manufactured with ready-to-fasten hardware for drop ceiling suspension. Installation materials, including cables and T-bar clips, for drop ceiling suspension are included in each box set.



Drop Ceiling Vertically Suspended Partitions Using Cables

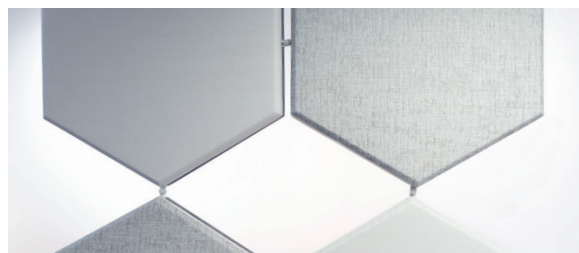
### Hardware for Cascade

Cables and pendants connect the baffles vertically with pre-attached tabs. Available in silver, white or black finish.



### Hardware for Connect

Acorn nuts and 0.5" studs connect the baffles horizontally and vertically with pre-attached tabs. Available in silver, white or black finish.



# Install with Ease

## INSTALLATION CHART

	Wall Mounted	Ceiling Mounted	Ceiling Horizontally Suspended—Tiled	Ceiling Horizontally Suspended—Individual	Ceiling Vertically Suspended Baffles	Ceiling Vertically Suspended Cascade	Ceiling Vertically Suspended Connect
<b>Arc</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•				
<b>Circle + Circle 3D</b>							
Small	•	•					
Medium	•	•	•	•			•
Large	•	•	•	•	•	•	
X-Large	•	•	•	•	•		
2X-Large	•	•	•	•	•		
3X-Large	•	•	•	•	•		
Mounted Kit / 2(S), 2(M), 1(L), 1(XL)	•	•					
Horizontal Suspended Ceiling Kit / 2(M), 2(L), 1(XL), 1(2XL)	•	•	•	•			
Vertical Suspended Ceiling Kit / 2(L), 2(XL), 1(2XL), 1(3XL)					•		
<b>Criss</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•	•			
<b>Cross</b>							
Small	•	•					
Medium	•	•					
Large	•	•					
X-Large	•	•					
<b>Diamond + Diamond 3D</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•	•	•	•	•
X-Large	•	•	•	•	•		
2X-Large	•	•	•	•	•		
<b>Flip</b>							
Large	•	•	•	•	•	•	
X-Large	•	•	•	•	•		
2X-Large	•	•	•	•	•	•	
3X-Large	•	•	•	•	•		
<b>Hex + Hex 3D</b>							
Small	•	•					
Medium	•	•	•	•			•
Large	•	•	•	•	•	•	
X-Large	•	•	•	•	•		
2X-Large	•	•	•	•	•		
3X-Large	•	•	•	•	•		

	Wall Mounted	Ceiling Mounted	Ceiling Horizontally Suspended—Tiled	Ceiling Horizontally Suspended—Individual	Ceiling Vertically Suspended Baffles	Ceiling Vertically Suspended Cascade	Ceiling Vertically Suspended Connect
<b>Peak</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•				
X-Large	•	•	•				
<b>Plank</b>							
Small	•	•					
Large	•	•	•				
<b>Ridge</b>							
Small	•	•					
Medium	•	•					
Large	•	•					
X-Large	•	•					
2X-Large	•	•					
3X-Large	•	•					
<b>Ripple</b>							
Kit / 1 row 6 panels	•	•			•		
<b>Square + Square 3D</b>							
Small	•	•					
Large	•	•	•	•			
<b>Scale</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•	•			
<b>Tall Hex</b>							
Small	•	•					
Medium	•	•	•				
Large	•	•	•	•			
<b>Valley</b>							
Small	•	•					
Medium	•	•					
Large	•	•					
X-Large	•	•					
<b>Waveline + Waveline 3D</b>							
Small	•	•					
Medium	•	•	•	•			
Large	•	•	•	•			

# Specifications

## BOX SETS

Xorel Artform is priced and sold in box sets of the same shape, size, substrate, fabric and color. Each box arrives to the job site securely packed and includes all installation and adhesive materials.

Ceiling Horizontal Suspension hardware is sold separately.

Fast Delivery: 2–6 week lead time.

### Standard

3-6 panels/box

### 3D

3-4 panels/box

### Baffle

3-6 baffles/box

Minimum order is 1 box.

### Dimensional Orientation

Box sets of Hex, Waveline, and Square 3D panels include “handed” shapes which feature the dimensional element oriented towards either right or left. This attention to detail ensures that the specified Xorel fabric weave is wrapped along the panel in the same direction so that fit and finish are not compromised when changing panel orientation. Two of each handed shape are included in each box set.





# Warranty

## 5 YEAR WARRANTY

We warranty Xorel Artform panels for a period of 5 years from purchase date. Any Xorel Artform panels that are defective in workmanship or materials (3M command strips, adhesive, velcro or ceiling suspension hardware\*) will be replaced at no charge. The warranty does not cover:

(a) ordinary wear and tear; (b) damaged caused by mold or mildew; (c) unacceptable temperature/humidity variation; (d) improper use; (e) improper maintenance; (f) improper storage or handling; (g) any other damage or problem due to external causes unrelated to any Carnegie Fabric product defect.

\*Correct installation method must be used for warranty to be in force. Panels must be used within standard industry limitations.

