

Xorel  
ARTFORM®

## U Baffle

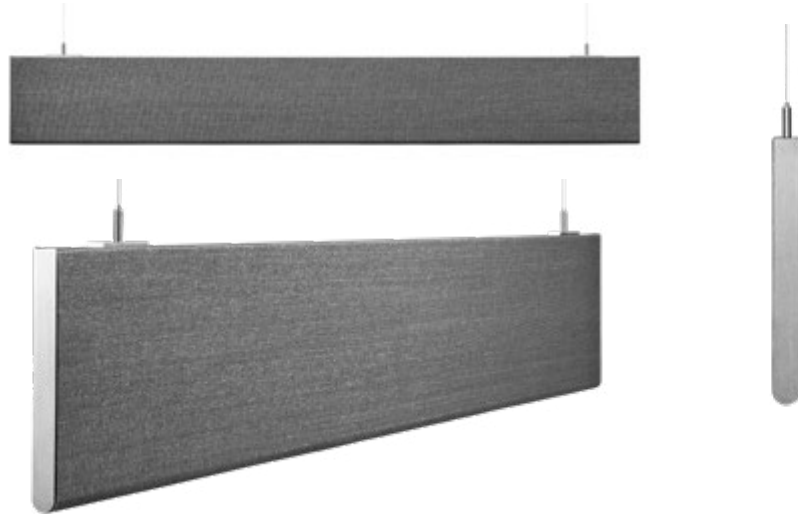
Acoustic baffle



U Baffles in Meteor 6427 colors 2021 and 2032

## U Baffle Panel Specifications

SIZES	Style/Size	Substrate	Dimensions (LxH)	Thickness	Weight	LF/Unit
	Large	12mm PET	48" x 10"	0.94"	4 lbs	4
	XLarge	12mm PET	72" x 10"	0.94"	6 lbs	6
	2XLarge	12mm PET	96" x 10"	0.94"	8 lbs	8
	3XLarge	12mm PET	108" x 10"	0.94"	9 lbs	9



**VOC EMISSIONS** CDPH (CA 01350) Compliant TVOC: <0.5 mg/m3

**FIRE RATING** ASTM E84 Class A/Class 1

**XOREL SUSTAINABILITY**



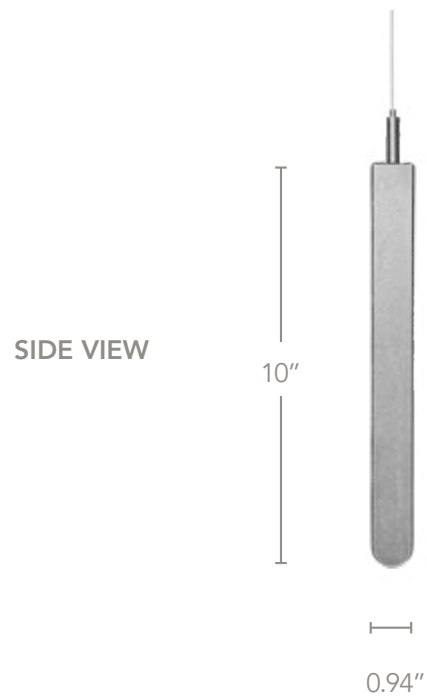
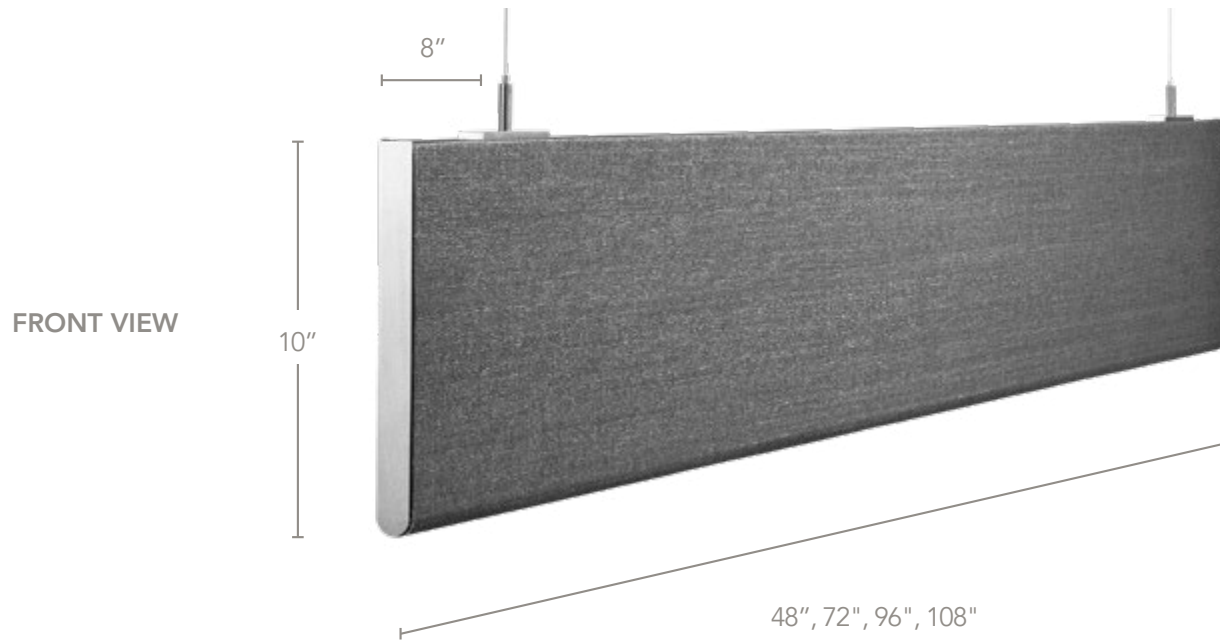
**CUSTOM OPTIONS** Custom sizes available.

**BOX SETS** 2-4 prefabricated baffles per box/crate. (Note: The 2XL & 3XL sizes ship via crate.)  
Minimum order quantity is 1 box.

**LEAD TIME / WARRANTY** 10-12 week lead time  
10 year warranty

## Product Dimensions

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# Substrate and Acoustics

**SUBSTRATE**                      **12mm PET**  
 Acoustical substrate  
 Array-NRC 0.35-0.60, depending on installation.

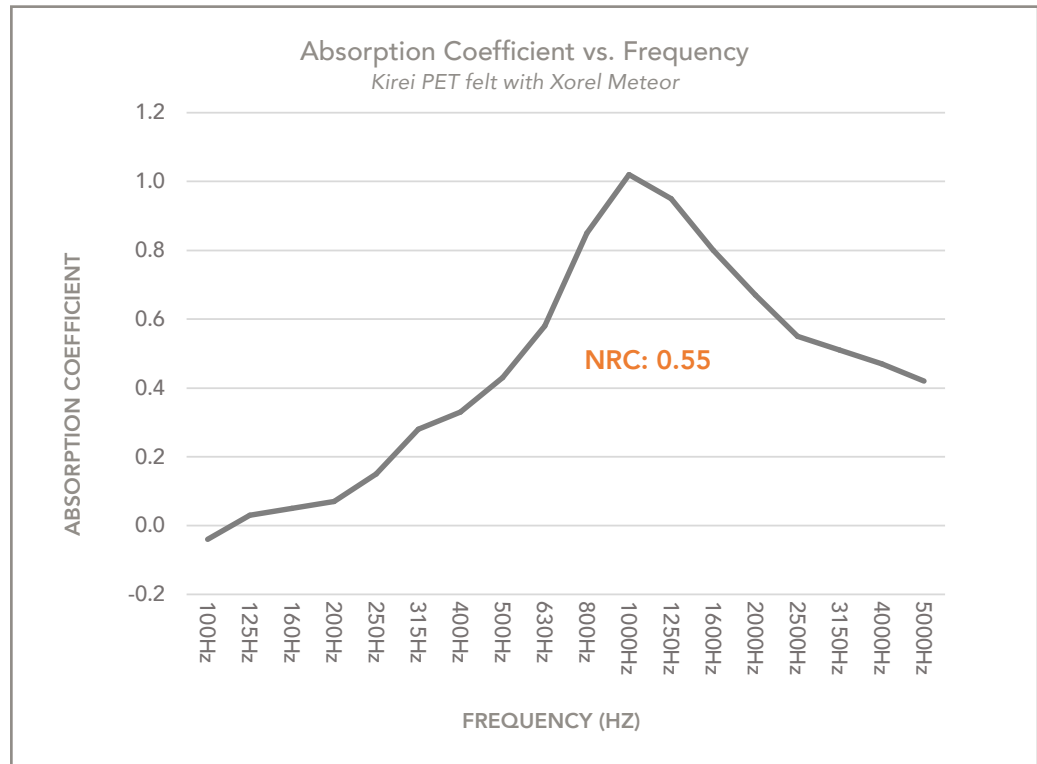
**ACOUSTICS**                      **U Baffle (48") Sound Absorption**

Acoustic data is measured in Array-NRC per U Baffle (48") at 16 units, two rows of 8 units each, rows spaced 12" apart, units in each row spaced 12" apart. For more information, see the [full acoustic test](#) (RAL™-A24-378).

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.03	0.15	0.43	1.02	0.67	0.47	0.55	0.56

**Sabins per Array**

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	2.09	12.33	34.30	81.35	53.68	37.34



# Substrate and Acoustics

## ACOUSTIC DATA

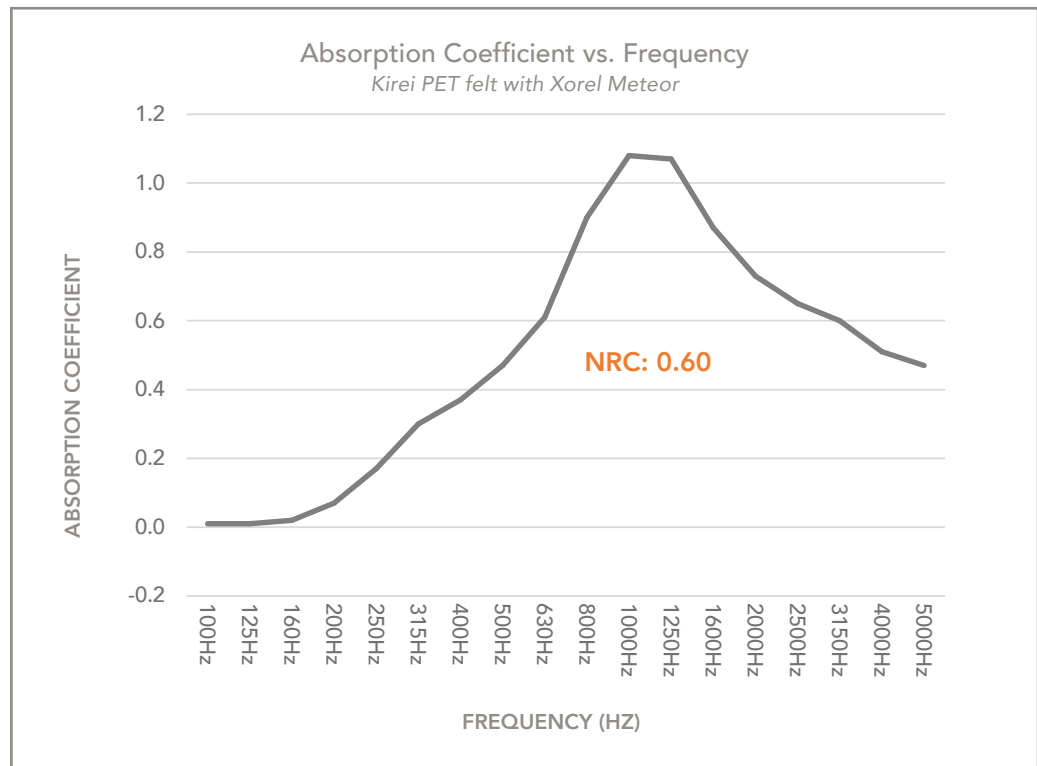
### U Baffle (48") Sound Absorption

Acoustic data is measured in Array-NRC per U Baffle (48") at 1 row of 8 baffles (2 rows abutted together), spaced 12" apart. For more information, see the [full acoustic test](#) (RAL™-A24-390).

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.01	0.17	0.47	1.08	0.73	0.51	0.60	0.60

### Sabins per Array

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	0.70	12.49	33.71	77.99	52.31	36.98



# Substrate and Acoustics

## ACOUSTIC DATA

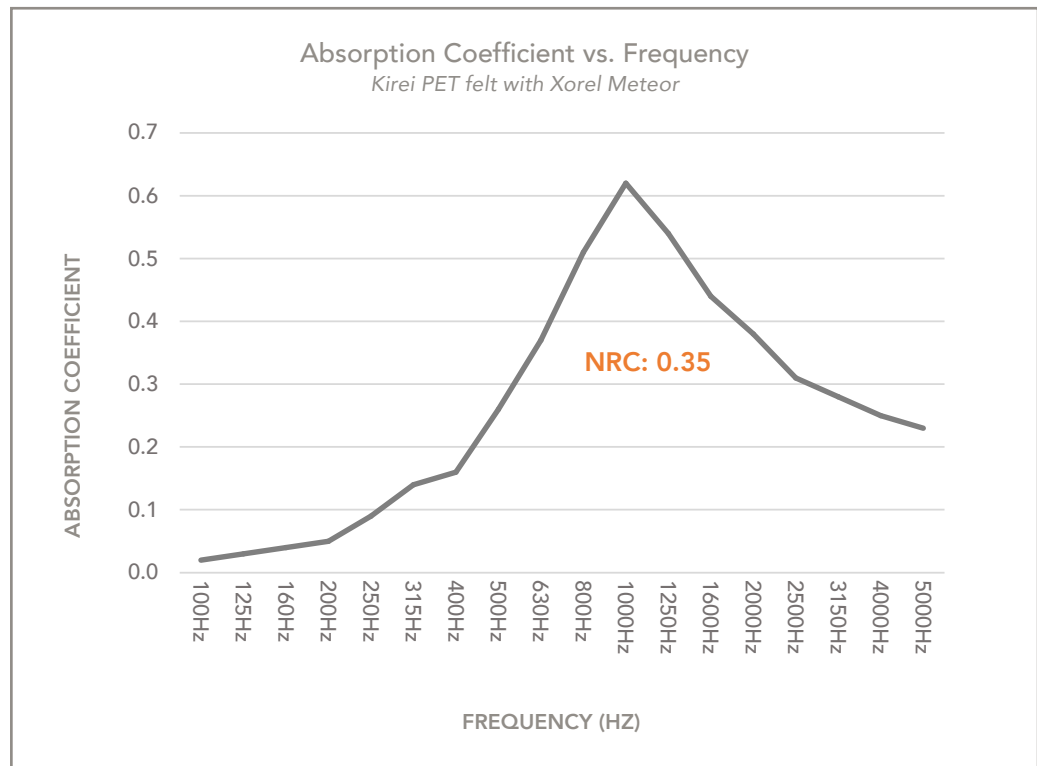
### U Baffle (48") Sound Absorption

Acoustic data is measured in Array-NRC per U Baffle (48") at 16 baffles, 2 rows of 8 baffles each, rows spaced 12" apart, baffles spaced 24" apart. For more information, see the [full acoustic test](#) (RAL™-A24-379).

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.03	0.09	0.26	0.62	0.38	0.25	0.35	0.32

### Sabins per Array

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	5.10	14.75	40.82	99.32	60.63	40.30



# Substrate and Acoustics

## ACOUSTIC DATA

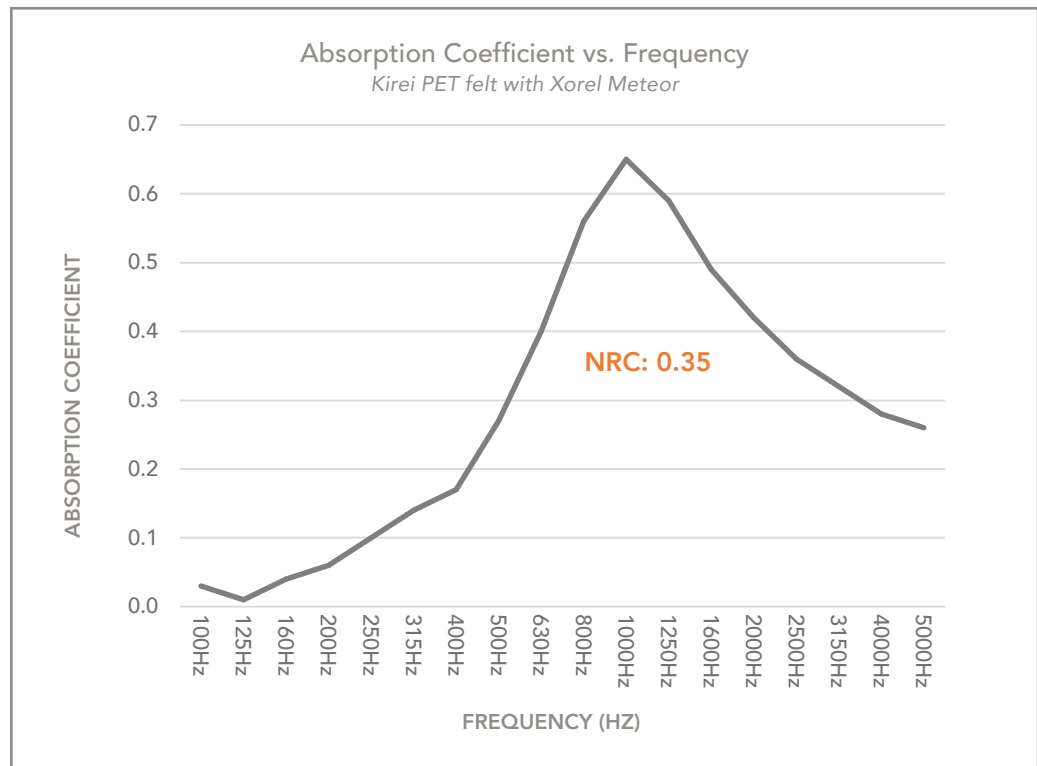
### U Baffle (48") Sound Absorption

Acoustic data is measured in Array-NRC per U Baffle (48") at 1 row of 8 baffles (2 rows abutted together), spaced 24" apart. For more information, see the [full acoustic test](#) (RAL™-A24-389).

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.01	0.10	0.27	0.65	0.42	0.28	0.35	0.35

### Sabins per Array

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	0.98	13.78	39.47	94.14	59.93	39.86



# Xorel Textiles

With over 350 textures and colors to choose from, your possibilities are unlimited. See more at [xorelartform.com](http://xorelartform.com)



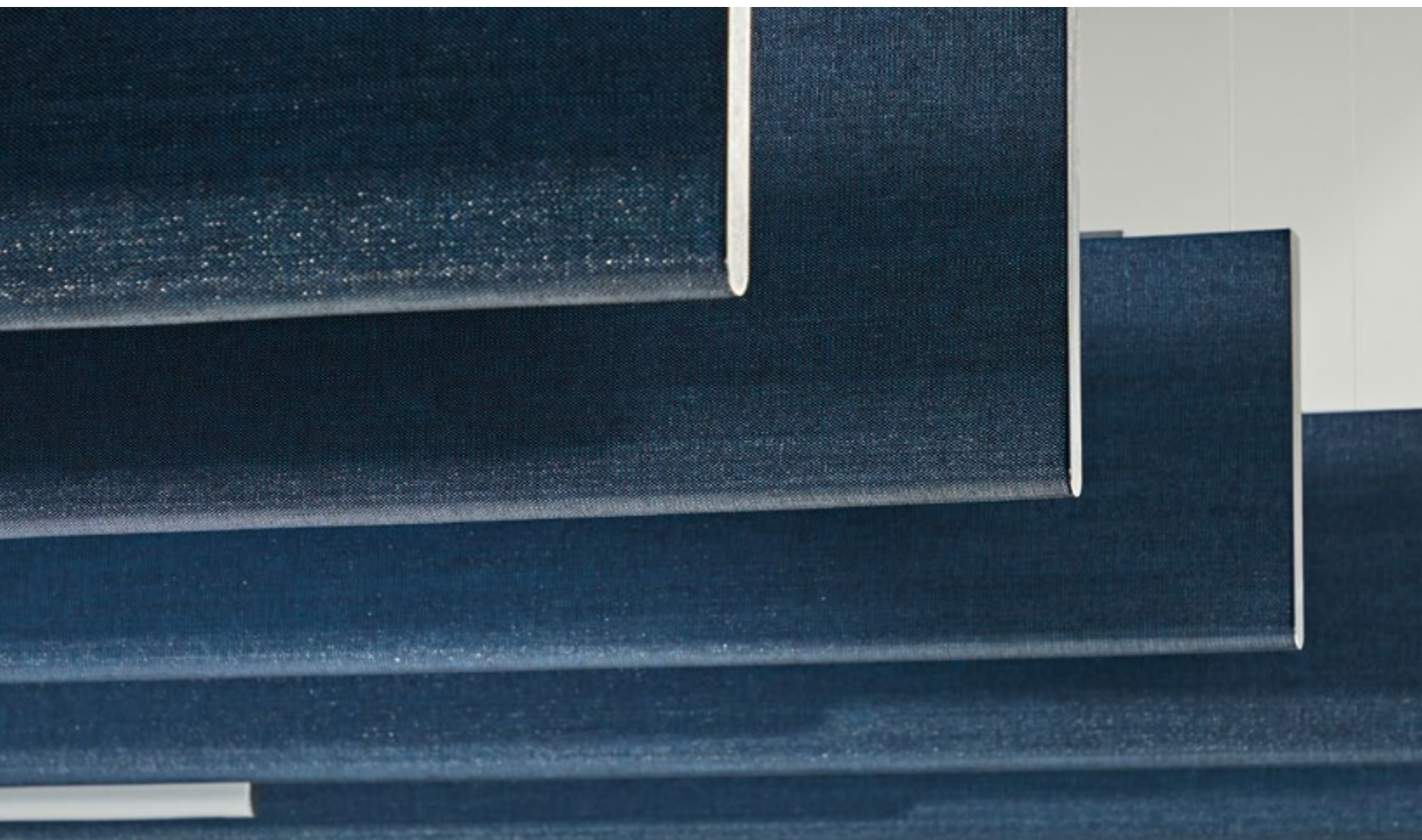


## Installation

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U Baffles have two attachment points with flat brackets and your choice of Griplocks, eyelets, or set screws. To install U Baffles, attach the specified ceiling mounting hardware and suspension cable/chain/rod/etc. with the appropriate connector at the bottom end. Once the ceiling hardware is installed, attach the connector to the supplied attachment hardware on the U Baffle. For instructions on how to install baffles in a variety of ways, visit [xorelartform.com](https://www.xorelartform.com).

*Note: Ceiling mounting hardware or cable/chain/rod is not provided.*



U Baffles in Meteor 6427 color 2032



U Baffles and Spline 3D Tiles in Meteor 6427 colors 2021 and 2032

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