Arcus 3D Panel

BY AKUSTUS DESIGNS
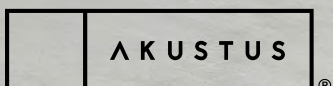
AKUSTUS ®

ARC-3D-J-118-118

The semi-cylinders of the **Arcus 3D Panel** don't just make the room look good; they make it sound good. The rounded surface of the panel deflects and diffuses sound waves more evenly within the room. You can arrange these panels in a combination of colours thanks to their modular design. Mount them with ease on the walls of a library or of an office and transform how people experience the room.
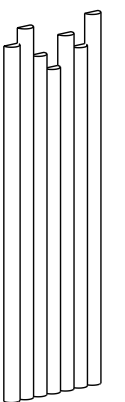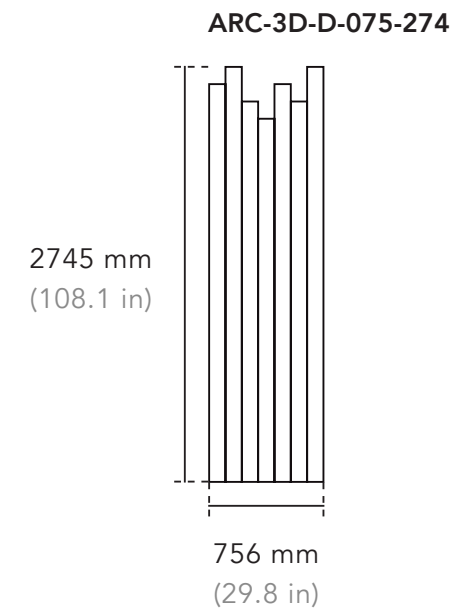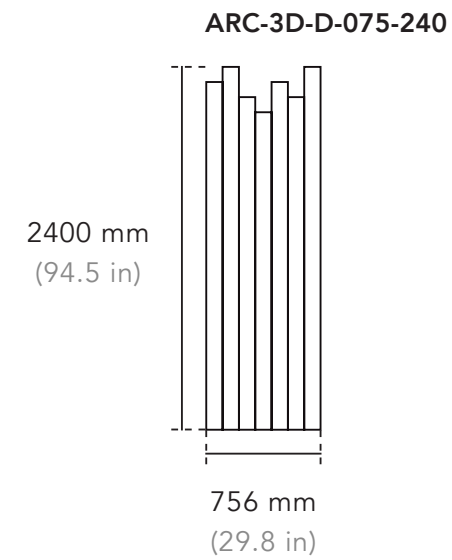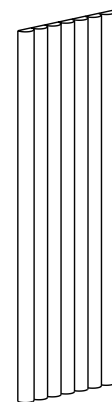
ARC-3D-A-075-240 (CONFIGURATION 1)

Dimensions

Available Depth: 65 mm (2.6 in)

* Custom shape and size available. See Customization page for more information.

ARC-3D-A-075-240

2400 mm
(94.5 in)

756 mm
(29.8 in)

ARC-3D-A-075-274

2745 mm
(108.1 in)

756 mm
(29.8 in)

108 mm
(4.3 in)

ARC-3D-B-075-240

2400 mm
(94.5 in)

756 mm
(29.8 in)

ARC-3D-B-075-274

2745 mm
(108.1 in)

756 mm
(29.8 in)

ARC-3D-C-075-240

2400 mm
(94.5 in)

756 mm
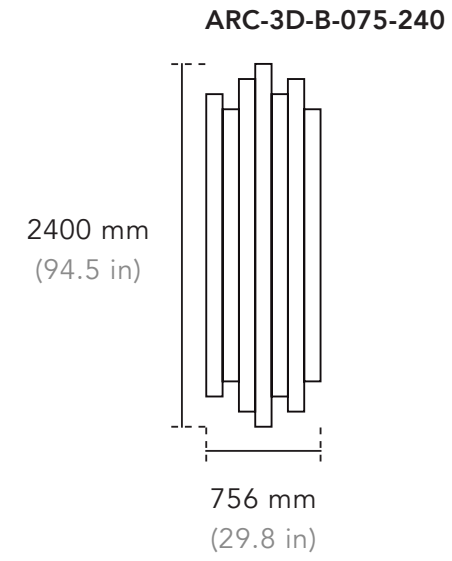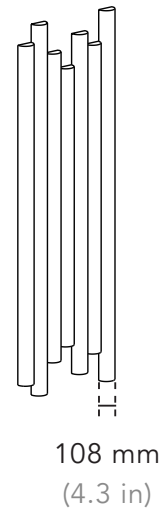(29.8 in)

ARC-3D-C-075-274

2745 mm
(108.1 in)

756 mm
(29.8 in)

ARC-3D-D-075-240

2400 mm
(94.5 in)

756 mm
(29.8 in)

ARC-3D-D-075-274

2745 mm
(108.1 in)

756 mm
(29.8 in)

Dimensions

ARC-3D-E-075-240

2400 mm
(94.5 in)

756 mm
(29.8 in)

ARC-3D-E-075-274

2745 mm
(108.1 in)

756 mm
(29.8 in)

ARC-3D-I-010-240

2400 mm
(94.5 in)

108 mm
(4.3 in)

ARC-3D-I-010-274

2745 mm
(108.1 in)

108 mm
(4.3 in)

ARC-3D-F-075-090

900 mm
(35.4 in)

756 mm
(29.8 in)

ARC-3D-G-075-090

900 mm
(35.4 in)

756 mm
(29.8 in)

ARC-3D-H-075-060

600 mm
(23.6 in)

756 mm
(29.8 in)

ARC-3D-J-118-118

1188 mm
(46.8 in)

1188 mm
(46.8 in)

Product Data

| Product Code	Width x Height	Depth	Weight
ARC-3D-A-075-240	756 x 2400 mm 29.8 x 94.5 in	65 mm 2.6 in	4.3 kg 9.5 lb
ARC-3D-A-075-274	756 x 2745 mm 29.8 x 108.1 in	65 mm 2.6 in	4.9 kg 10.8 lb
ARC-3D-B-075-240	756 x 2400 mm 29.8 x 94.5 in	65 mm 2.6 in	4.1 kg 9 lb
ARC-3D-B-075-274	756 x 2745 mm 29.8 x 108.1 in	65 mm 2.6 in	4.7 kg 10.4 lb
ARC-3D-C-075-240	756 x 2400 mm 29.8 x 94.5 in	65 mm 2.6 in	4.8 kg 10.6 lb
ARC-3D-C-075-274	756 x 2745 mm 29.8 x 108.1 in	65 mm 2.6 in	5.5 kg 12.1 lb
ARC-3D-D-075-240	756 x 2400 mm 29.8 x 94.5 in	65 mm 2.6 in	4.5 kg 9.9 lb
ARC-3D-D-075-274	756 x 2745 mm 29.8 x 108.1 in	65 mm 2.6 in	5.2 kg 11.5 lb
ARC-3D-E-075-240	756 x 2400 mm 29.8 x 94.5 in	65 mm 2.6 in	4.5 kg 9.9 lb
ARC-3D-E-075-274	756 x 2745 mm 29.8 x 108.1 in	65 mm 2.6 in	5.2 kg 11.5 lb

Product Data

Product Code	Width x Height	Depth	Weight
ARC-3D-F-075-090	756 x 900 mm 29.8 x 35.4 in	65 mm 2.6 in	1.2 kg 2.6 lb
ARC-3D-G-075-090	756 x 900 mm 29.8 x 35.4 in	65 mm 2.6 in	1.2 kg 2.6 lb
ARC-3D-H-075-060	756 x 600 mm 29.8 x 23.6 in	65 mm 2.6 in	1.2 kg 2.6 lb
ARC-3D-I-010-240	108 x 2400 mm 4.3 x 94.5 in	65 mm 2.6 in	0.7 kg 1.5 lb
ARC-3D-I-010-274	108 x 2745 mm 4.3 x 108.1 in	65 mm 2.6 in	0.8 kg 1.8 lb
ARC-3D-J-118-118	1188 x 1188 mm 46.8 x 46.8 in	65 mm 2.6 in	3.7 kg 8.2 lb

Customization

Bands & Modules
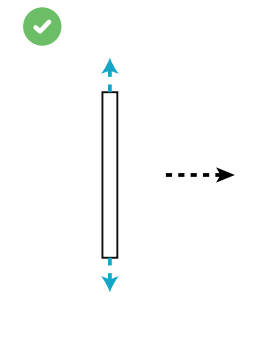
The height of an individual band can be adjusted.
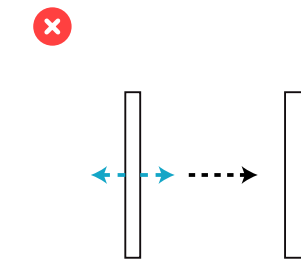
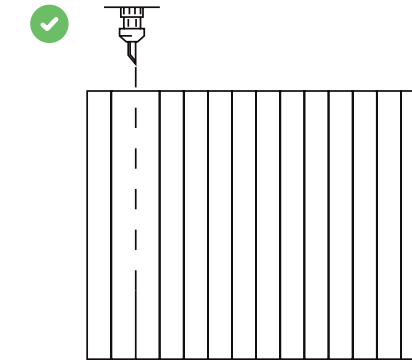The width of an individual band cannot be adjusted.
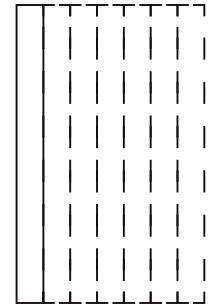
A module is composed of multiple bands (up to 7). Its width can be adjusted by adding or removing bands.
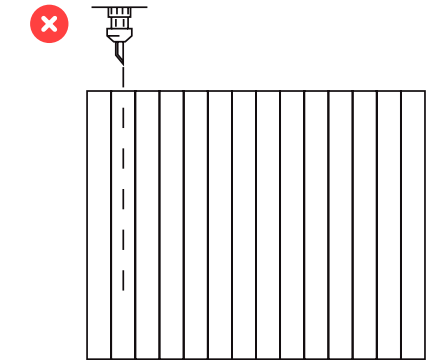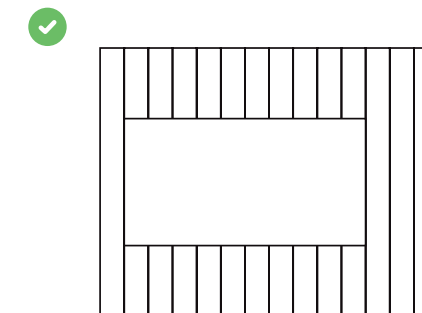
Module Customization
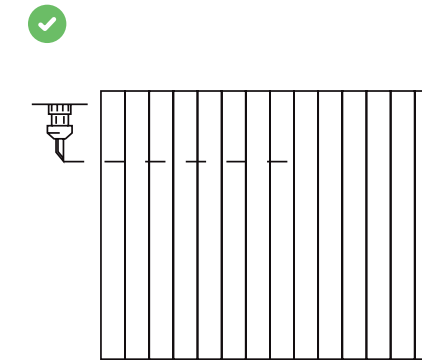
Panels cannot be cut on-site but can be cut horizontally by the manufacturer.
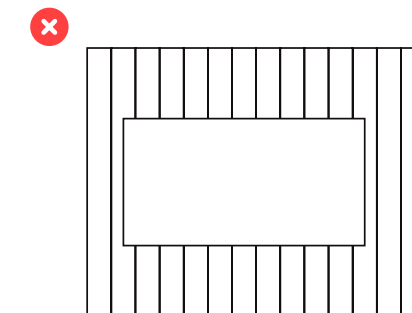
Panels can be cut vertically by the manufacturer where bands meet.

Panels cannot be cut vertically within a band.

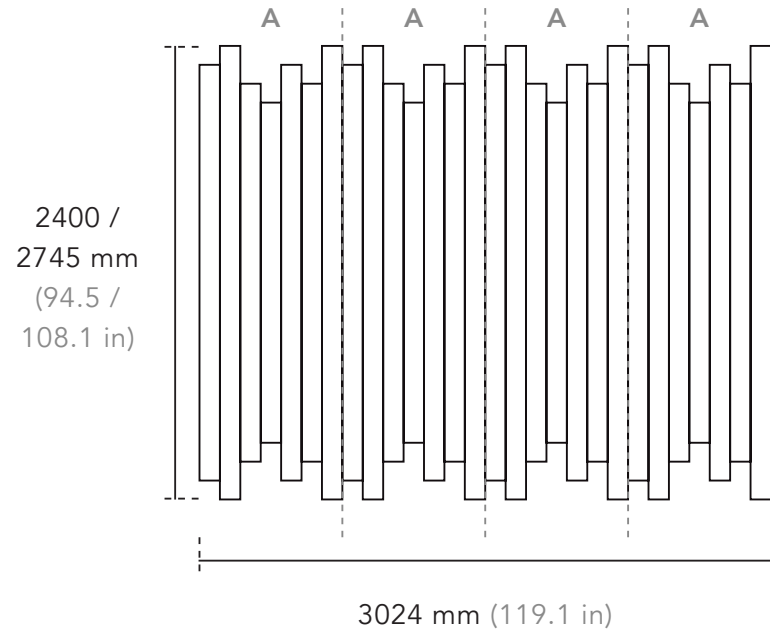Cut-outs can be made by the manufacturer by removing sections of bands.

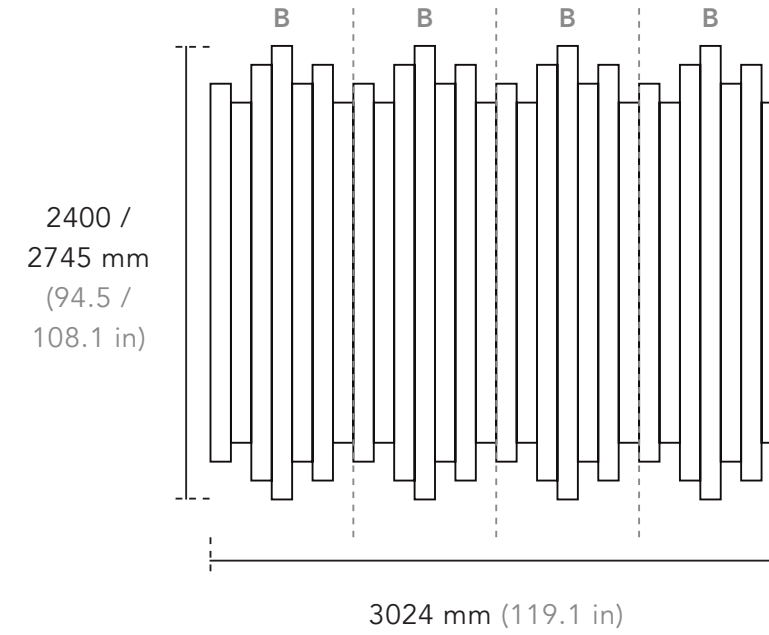Cut-outs cannot be made by cutting into the bands.
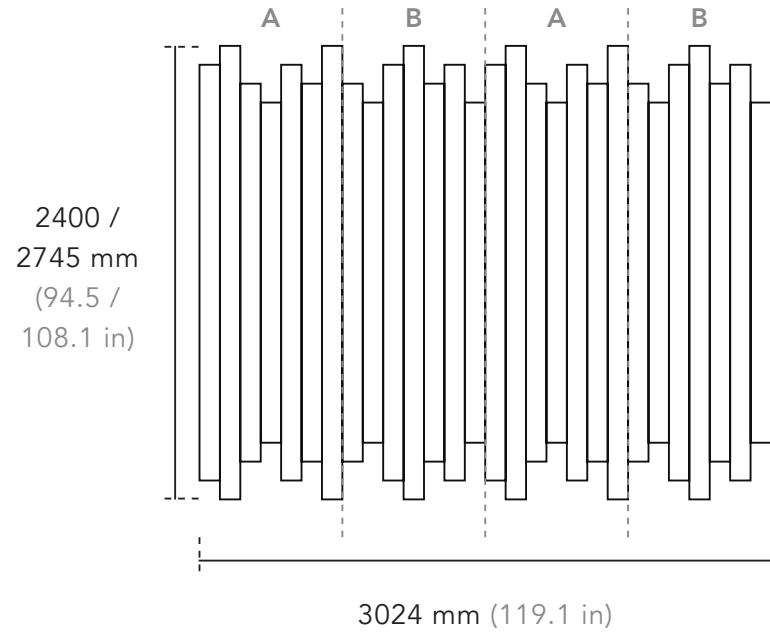
Configurations
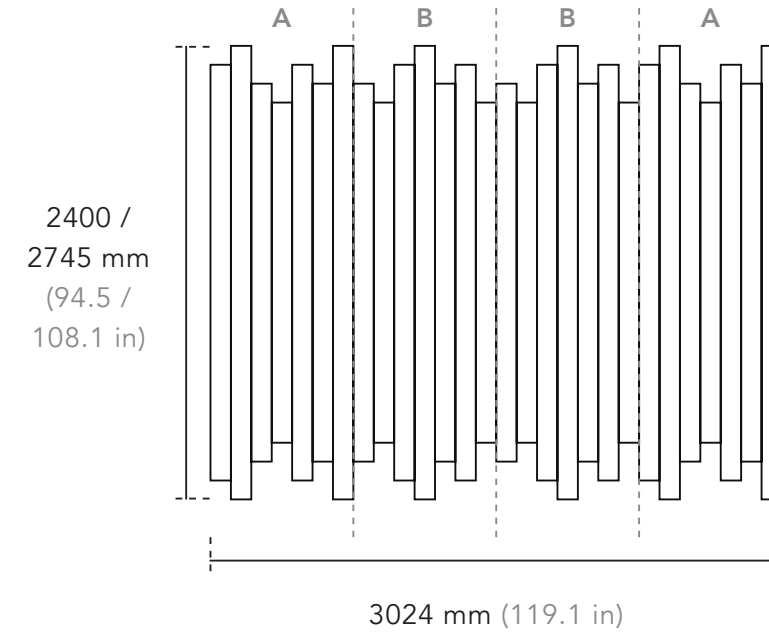
* Custom configurations available.

Configuration 1

A   A   A   A

2400 /
2745 mm
(94.5 /
108.1 in)

3024 mm (119.1 in)

Configuration 2

B   B   B   B

2400 /
2745 mm
(94.5 /
108.1 in)

3024 mm (119.1 in)

Configuration 3

A   B   A   B

2400 /
2745 mm
(94.5 /
108.1 in)

3024 mm (119.1 in)

Configuration 4

A   B   B   A

2400 /
2745 mm
(94.5 /
108.1 in)

3024 mm (119.1 in)

Specifications

Product Name   Arcus 3D Panel

Composition   100% polyester fibre

Fire Rating
- ASTM E84 Class A
- CAN/ULC-S102.2-10

VOC Emissions   CDPH (CA 01350)

Antimicrobial Testing   Mould & mildew resistant

Sustainability
- 100% recyclable
- LBC Red List free
- Contributes to LEED certification
- Free of toxic substances and of off-gassing
- Made with ~60% recycled content from plastic water bottles

How to Specify
- Product Name & Code
- Dimensions
- Colour
- Installation Method

Colour & Texture Variations   The felting and dyeing process that forms the material contributes to its unique texture but also to variations in texture and colour from panel to panel. Products will be provided within an acceptable range of variation.

Acoustic Properties

The following values reflect the acoustic properties of the product as tested in accordance with ASTM C423-09a using Type D-50 mounting.

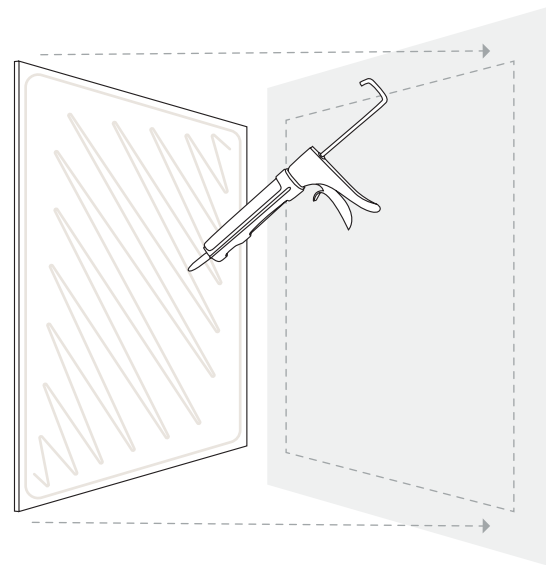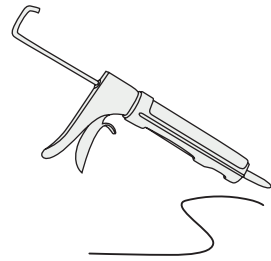|	NRC	SAA	200	250	315	400	500	630	800	1000	1250	1600	2000	2500
D-50 18 mm	0.80	0.78	0.28	0.34	0.48	0.64	0.79	0.96	1.03	1.05	0.99	0.98	0.94	0.92
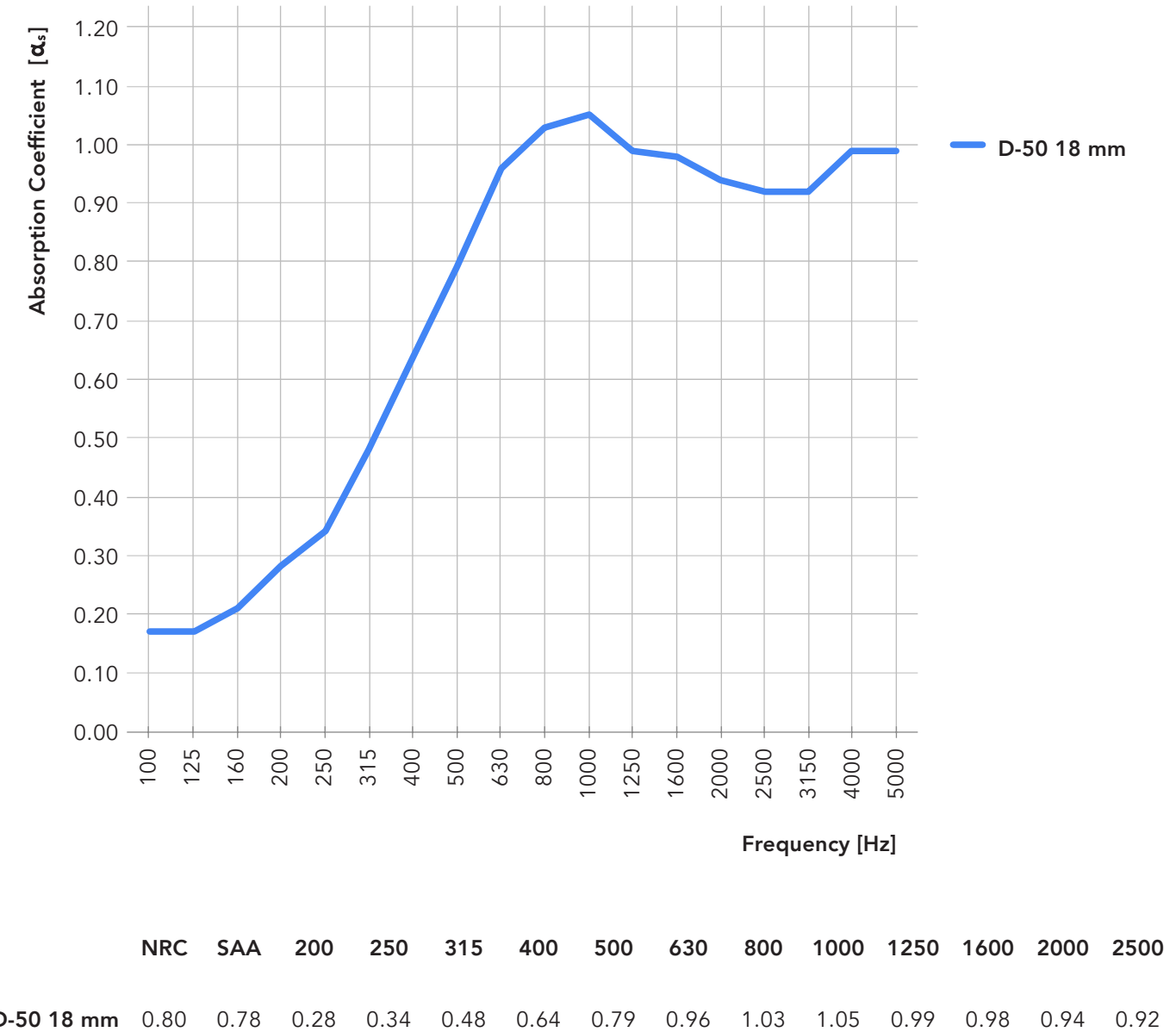
Installation

Specify one of the following options at the time of ordering.

Construction Adhesive

Z-clips (KT-ZCLP-00)

Push Mounts (KT-PUSH-00)


- By others

Recommendation

- Liquid Nails Heavy Duty (Low VOC) LN-903

Alternatives

- LePage PL Premium
- LePage PL Premium Max
- LePage No More Nails Heavy Duty
- LePage No More Nails Ultimate Crystal Clear
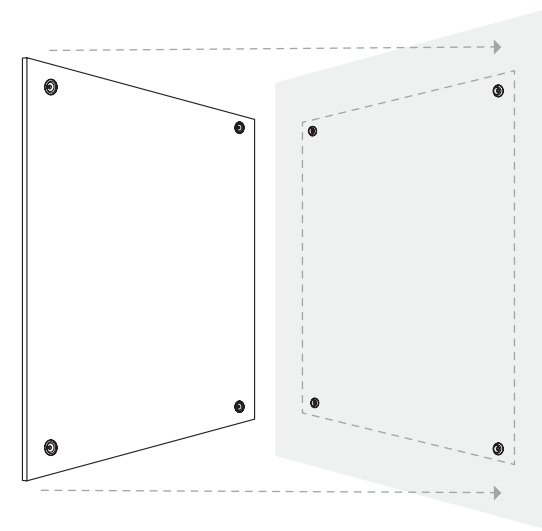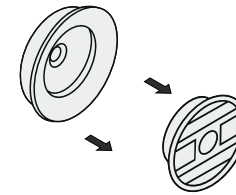- (At your discretion, other construction adhesive may be used but should be tested for effectiveness)
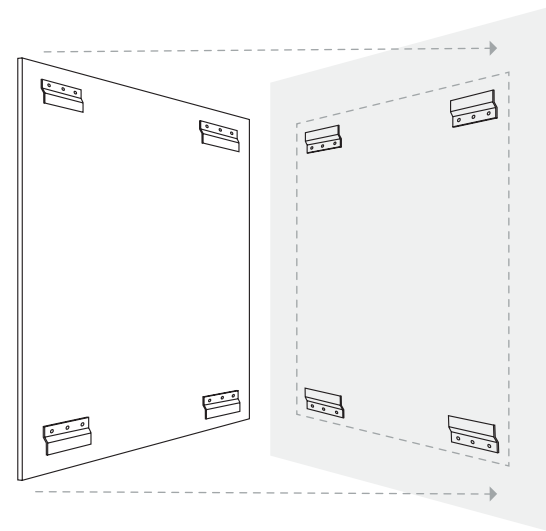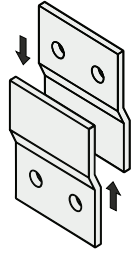
- 6 mm (¼ in) projection from the wall
- 25 mm (1 in) clearance required above the panel
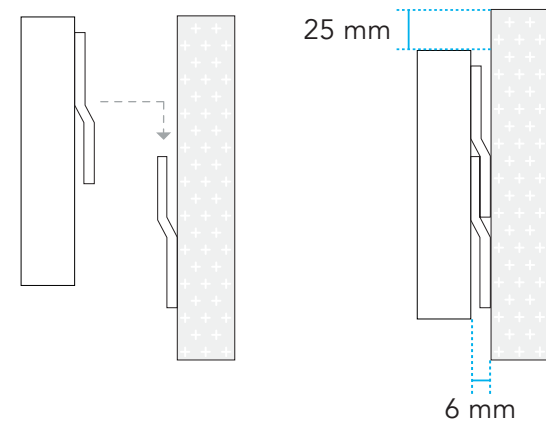
- Panels come with mounts pre-installed but receiving mount must be installed on-site
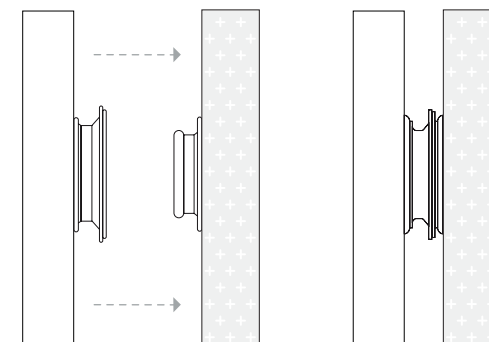
Product Care

Handling & Storage

Handle products with care so as to avoid folding the polyester felt, chipping its edges or indenting its faces. Store products in their original containers in a well-ventilated area until the intended application environment is ready for installation. Allow products to acclimatize to environmental conditions. Lay them flat on their faces; do not stand them on their edges. Protect from moisture, heat, direct sunlight and the elements.

Maintenance

Lightly brush or gently vacuum to remove dust from polyester felt. Clean with warm water and mild, non-toxic soap to remove spills. Test solution on an inconspicuous spot before applying to more visible areas. Blot with a dry cloth after applying the solution to avoid saturating the material. Avoid applying too much pressure when cleaning the products.

Warranty

AKUSTUS warrants the construction and finish of all our products to be free from defects in material and workmanship for a period of 1 year from the date of purchase.

Colours

* 12/24 mm only
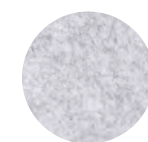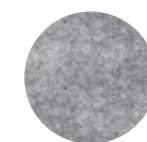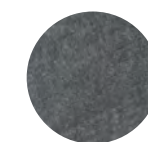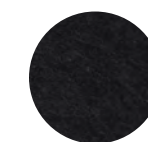
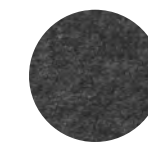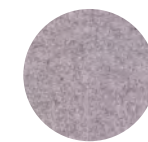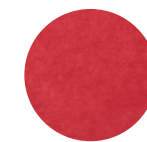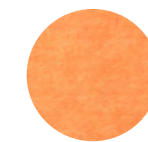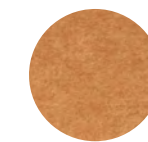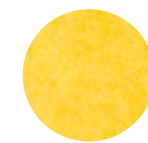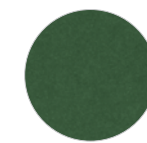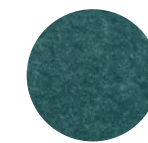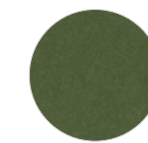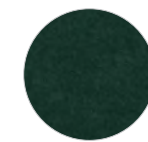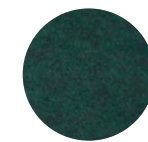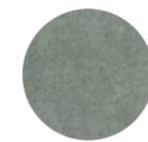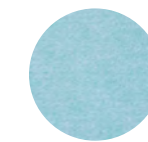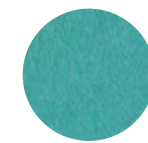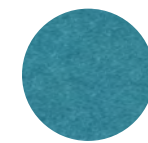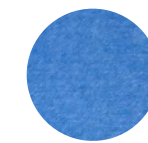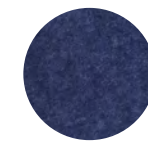|					
Pure White SP 07	Urban Grey SP 79	Pumice SP 11	Cool Grey SP 36	Mid Grey SP 37	Black SP 13
Ivory SP 77	Beige SP 04	Sandstone SP 12	Taupe Grey * SP 90	Warm Grey SP 76	Graphite SP 03
Castlerock * SP 80	Blush Pink SP 81	Plum SP 72	Red SP 08	Orange SP 46	Yam SP 28
Mustard * SP 87	Sunflower SP 05	Chartreuse SP 43	Moss * SP 89	Peacock * SP 82	Olive * SP 88
Ocean Green * SP 86	Forest Green SP 17	Desert Sage SP 78	Deep Sea Blue * SP 83	Krypton SP 30	Pale Teal SP 74
Lagoon * SP 84	Aquamarine SP 73	Dark Turquoise SP 71	Azure * SP 85	Sky Blue SP 25	Navy SP 01
Midnight Blue SP 19	Purple SP 50				