

Aid Acoustics

Sound absorbing panels made of insulation with a painted surface or fabric finish that are lightweight and easy to install.



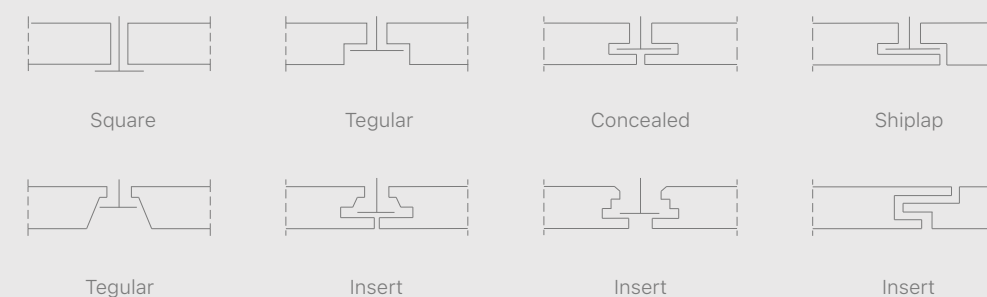
Fiberglass Ceiling Tile

Aid™ Acoustics Ceiling Tile is engineered for efficient integration with ceiling grid systems, delivers effective sound absorption in varied environments. Constructed from high-density fibreglass wool, it ensures a uniform appearance. Available in two sizes, 595mm x 595mm and 595mm x 1195mm, the tile accommodates different spatial needs. With eight edge options, it provides installation flexibility.

Specifications

Material: Fiberglass Wool, Fleece Surface
Standard Dimension: 600 x 600mm
Standard Thickness: 12mm, 50mm, 20mm
Density: 100kg/m³
Edge Type: Square, Tegular, Shiplap, Insert
Fire Classification: EN 13501-1 = Class A s1, d0
Weighted Absorption (α_w): ISO 11654 = 0.52, Class D - 1.00, Class A
Noise Reduction Coefficient (NRC): ASTM C423 = 0.52 - 1.00

Edge Details



Colours



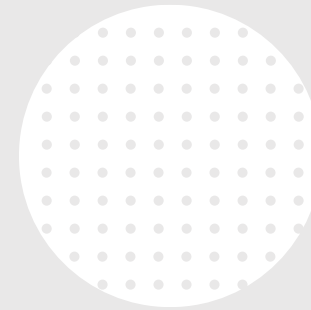
Pantone and Custom Colours Available Upon Request

Gypsum Perforated

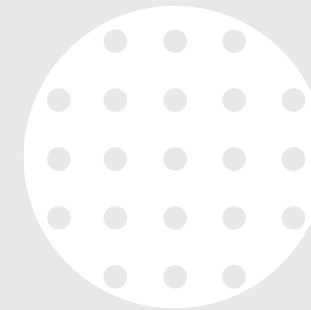
The Aid™ Perforated Acoustic Ceiling Tile, designed for integration with ceiling grid systems, enhances sound absorption in various spaces. Constructed from high-density fibreglass wool, it features a uniform and homogenous look. Available in standard sizes of 1200mm x 2400mm, 1220mm x 2440mm and 1200mm x 3000mm with a square edge, it suits diverse spatial needs. Its perforated structure boosts acoustic efficiency and architectural appeal.

Specifications

Material: Gypsum Board, Gypsum Paper Lining, Inner Lining
Standard Dimension: 1200 x 2400mm, 1220 x 2440mm, 1200 x 3000mm
Standard Thickness: 9.5, 12, 15mm
Round Perforation Diameter: 6, 8, 10, 12, 15mm
Square Perforation Diameter: 3, 10, 12mm
Colour: White or Black Lining
Fire Classification: EN 13501-1 = Class A s1, d0



Round
Microperforation



Round
Perforation



Square
Perforation

How to Install

Position Panels

Install boards with the long edge of the boards at right angles to the furring channels. Use a spacer tool to ensure the correct alignment of the boards.

Fix Panels

Start at one corner or edge and align the panel with the markings. Screw fix boards onto the furring channel. Always fasten the short edges of the board first then the long edges and body.

Jointing & Finishing

Fill gaps between boards using sealant. Once the joints are completely filled, scrape off any excess filler from joints and screw heads. Allow to dry completely. Sand joints and screw heads to form a flat and even finish.

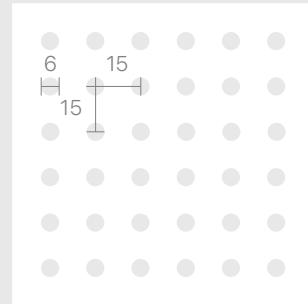
Specifications

Thickness 9.5, 12, 15mm | Edge Type Square, Tegular

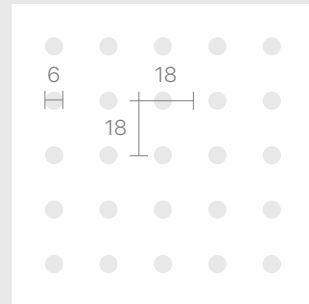
Weighted Absorption (α_w) ISO 11654 = 0.75, Class C | Noise Reduction Coefficient (NRC) ASTM C423 = 0.75

Fire Classification EN 13501-1 = Class B1 | Standard Dimension 1200 x 2400mm, 1220 x 2440mm, 1200 x 3000mm

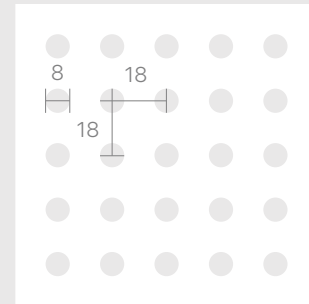
Round Perforation



E15/15/6
Perforation Diameter: 6mm
Perforation Distance: 15/15mm

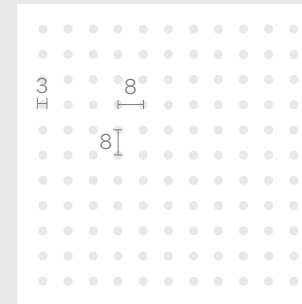


E18/18/6
Perforation Diameter: 18mm
Perforation Distance: 18/18mm



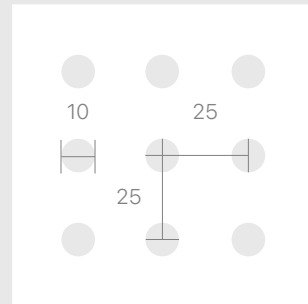
E18/18/8
Perforation Diameter: 8mm
Perforation Distance: 18/18mm

Microperforation

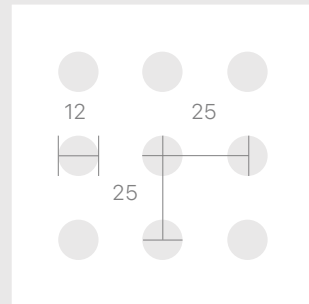


E8/8/3
Perforation Diameter: 3mm
Perforation Distance: 8/8mm

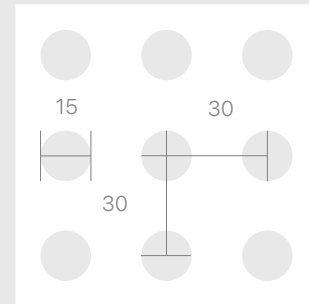
Square Perforation



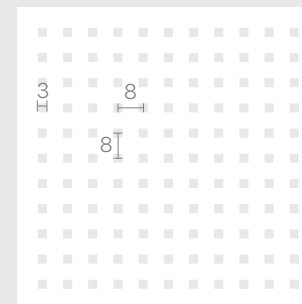
E25/25/10
Perforation Diameter: 10mm
Perforation Distance: 25/25mm



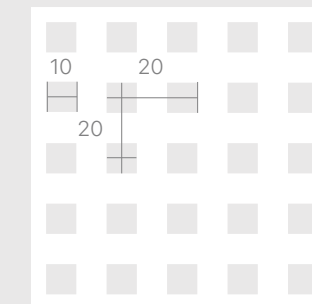
E25/25/12
Perforation Diameter: 12mm
Perforation Distance: 25/25mm



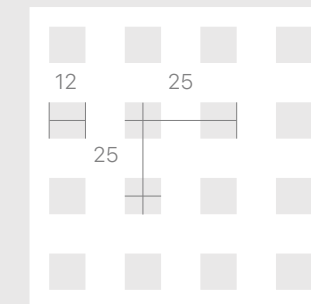
E30/30/15
Perforation Diameter: 30mm
Perforation Distance: 30/15mm



E8/8/3
Perforation Diameter: 3mm
Perforation Distance: 8/8mm



E20/20/10
Perforation Diameter: 10mm
Perforation Distance: 20/20mm



E25/25/12
Perforation Diameter: 12mm
Perforation Distance: 25/25mm

Colours



Standard Gypsum Board

White gypsum board paper lining, made of high-grade natural gypsum powder



Fireproof Gypsum Board

Pink gypsum board paper lining, reinforced with fiberglass and fireproof additive



Moisture-Resistant Gypsum Board

Green gypsum board paper lining, reinforced with silicon additives for moisture resistance

Panel Dimensions: 595 x 595mm, 600 x 600mm or 1200 x 2400mm
Border Spacing: 10 - 20mm

Mineral Ceiling Tile

Aid™ Acoustics Mineral Tile is a high-performance mineral fiber board, designed to deliver exceptional sound absorption with a focus on sustainability. Available in thicknesses ranging from 7mm to 18mm, it provides optimal noise reduction while maintaining a sleek, minimalistic appearance. Crafted from eco-friendly, renewable materials, this tile is ideal for architectural spaces requiring efficient acoustical solutions with minimal environmental impact. Its versatile design makes it a perfect fit for commercial spaces, offices, and public buildings looking to balance aesthetics, performance, and sustainability.

Specifications

Material: Mineral Wool

Standard Dimension: 600 x 300mm, 600 x 600mm, 595mm x 595mm, 595mm x 1195mm, 603 x 603mm, 603 x 1206mm, 610 x 610mm, 610 x 1210mm

Standard Thickness: 7mm, 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 18mm

Density: 100kg/m³

Edge Type: Square, Tegular, Insert

Fire Classification: EN 13501-1 = Class A s1, d0

Edge Details



Square



Tegular



Concealed

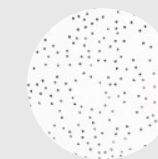


Shiplap

Finishes



Fisure



Pinhole

How to Install

Install Hangers

Use a rotary hammer machine to drill and install the hangers from the concrete ceiling slab.

Install Main & Cross Runners

The first main runner should be less than 600mm from the perimeter wall. The distance between next main runner shall be at 1200 mm maximum. Then install two 1200 cross tees between the two main runners at an distance of 600mm.

Install Tiles

While installing, slightly tilt the tile and gently rest it on the main runner and adjacent cross tee and wall angle.

Fabric Square

The Aid™ Acoustics Fabric Square Edge panel, featuring high-density glass wool and acoustically transparent fabric, optimises sound absorption. Its engineered substrate enhances airflow resistivity for better acoustics. Mountable on walls with impaling clips or ceiling-suspended as a cloud using corkscrew hangers and cables, it suits diverse architectural needs. Ideal in commercial and residential spaces, the Fabric Square Edge panel excels in acoustical treatment and aesthetic harmony.

Specifications

Material: Fiberglass Wool, Fabric

Standard Dimension: 600mm x 600mm, 600mm x 1200mm

Standard Thickness: 25mm, 50mm

Density: 100 kg/m³

Edge Detail: Square

Colour: Fabric Colours

Abrasion Resistance: ASTM D3597 = Over 40,000 Rubs

Colourfastness to Croaking: AATCC 8 = Dry Class 5, Wet Class 5

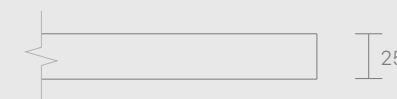
Colourfastness to Light: ISO 105 B02 = Class 4 - 5

Colourfastness to Water: AATCC 107 = Class 4 - 5

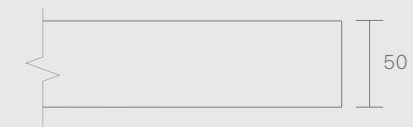
Fire Classification: EN 13501-1 = Class A s1, d0

Weighted Absorption (aw): ISO 11654 = 0.75, Class C - 1.00, Class A

Noise Reduction Coefficient (NRC): ASTM C423 = 0.75 - 1.00



Fabric 25 Square Section Drawing



Fabric 50 Square Section Drawing

How to Install

Prepare Your Space

Clear the area around the wall where you intend to install the panels. Make sure the wall surface is clean, dry, and free from dust or debris.

Plan Panel Placement

Determine the layout and placement of the panels on the wall.

Apply Construction Adhesive

Apply the adhesive around the edges and at key points on the back of the panel.

Position the Panels

Start at one corner or edge and align the panel with the markings. Press firmly but gently to secure the panel in place.

Create a Pattern

As you install subsequent panels, consider creating a pattern or arrangement that suits your aesthetic preferences. The different orientation of the panels can come together to form a geometric feature wall.

Fabric Bevel

The Aid™ Acoustics Fabric Bevel Edge panel, featuring high-density glass wool and acoustically transparent fabric, optimises sound absorption. Its engineered substrate enhances airflow resistivity for better acoustics. Mountable on walls with impaling clips or ceiling-suspended as a cloud using corkscrew hangers and cables, it suits diverse architectural needs. Ideal in commercial and residential spaces, the Fabric Bevel Edge panel excels in acoustical treatment and aesthetic harmony.

Specifications

Material: Fiberglass Wool, Fabric

Standard Dimension: 600mm x 600mm, 600mm x 1200mm

Standard Thickness: 25mm, 50mm

Density: 100 kg/m³

Edge Detail: Bevel

Colour: Fabric Colours

Abrasion Resistance: ASTM D3597 = Over 40,000 Rubs

Colourfastness to Croaking: AATCC 8 = Dry Class 5, Wet Class 5

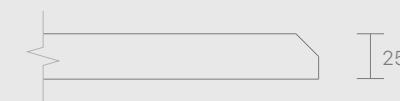
Colourfastness to Light: ISO 105 B02 = Class 4 - 5

Colourfastness to Water: AATCC 107 = Class 4 - 5

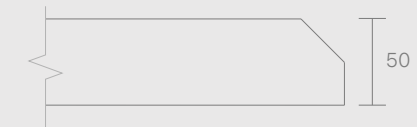
Fire Classification: EN 13501-1 = Class A s1, d0

Weighted Absorption (α_w): ISO 11654 = 0.75, Class C - 1.00, Class A

Noise Reduction Coefficient (NRC): ASTM C423 = 0.75 - 1.00



Fabric 25 Bevel Section Drawing



Fabric 50 Bevel Section Drawing

How to Install

Prepare Your Space

Clear the area around the wall where you intend to install the panels. Make sure the wall surface is clean, dry, and free from dust or debris.

Plan Panel Placement

Determine the layout and placement of the panels on the wall.

Apply Construction Adhesive

Apply the adhesive around the edges and at key points on the back of the panel.

Position the Panels

Start at one corner or edge and align the panel with the markings. Press firmly but gently to secure the panel in place.

Create a Pattern

As you install subsequent panels, consider creating a pattern or arrangement that suits your aesthetic preferences. The bevelled edges of the panels can create interesting visual effects when arranged in various ways.

Acoustics Moss

The Aid™ Acoustics Moss Wall 150, an ecologically conscious acoustic panel, combines sound absorption with environmental sustainability. Available in thicknesses from 50mm to 150mm, it's engineered for optimal acoustic performance. Its unique feature is sustainably sourced moss, offered in multiple colours, enhancing sound quality and adding natural aesthetics to architectural spaces. This low-maintenance moss doesn't need watering, soil, or sunlight, suitable for diverse environments. Ideal for spaces requiring acoustical solutions with low environmental impact.

Specifications

Material: Reinder Moss, Substrate, Frame
Lichen Species: Cladonia Rangiferina
Standard Dimension: 600 x 600mm, 1200 x 1200mm, Customised
Standard Thickness: 50mm - 150mm
Density: 40kg/m³
Frame: None, Timber, Aluminium
Finishing: Spray, Dots, Paint
Color: Shades of Green, Blue, Yellow, Red and White
Fire Classification: EN 13501-1 = Class B s1, d0
Sound Absorption: ISO 354 = NRC 1.00
Care & Maintenance: No Watering or Light is Necessary

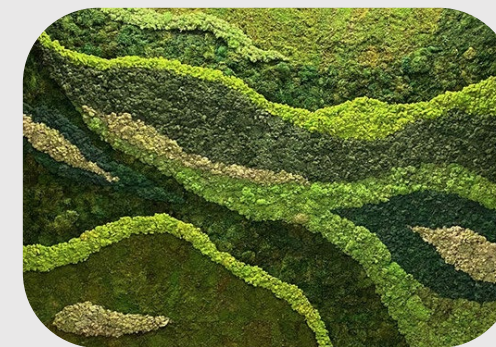
Design Options



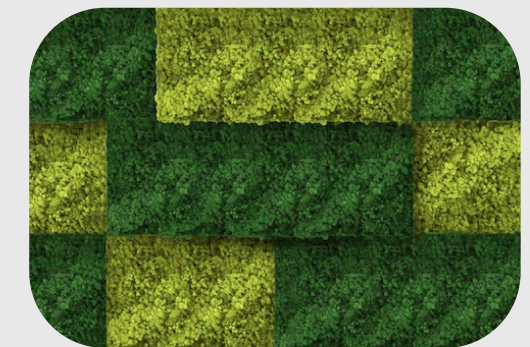
Single



Mixed





Natural



Geometric

Care & Maintenance

 Trimming is not necessary as the moss will not grow.

 Preserved Moss does not require water.

 Do not place moss wall in direct sunlight.