

SoundSlats Ideacoustic



The AnutoneSlats Ideacoustic range consists of panels made from acoustic fibreboards with lineal perforations for the avante garde look.

AnutoneSlats Ideacoustic are available in

- **2 finishes** - 'L' for Melamine Laminate and 'V' for Natural Veneer. See page 2.
Additional choices are in solid colours of White, Silver and Black.
- **2 types** - non-FR and FR
- **2 variants** - 2mm grooves @ 32 or 16mm centres.

The edge profile is tongue & groove for the seamless look

The stock dimensions are 2430 x 288 x 16 mm with grooves of 2mm machined on the surface. Grooves of 3 and 4 mm width are also possible against orders.

The back of the panels are perforated with 10mm diameter circular holes with a nonwoven fabric covering of 0.2mm for providing sound absorption via the acoustic impedance method.

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Variants



L32-2 - 2mm grooves @ 32mm centres



L16-2 - 2mm grooves @ 16mm centres



AnutoneSlats Canales

AnutoneSlats Canales are unperfed wood panel with lineal grooves machined on the panel surface for low-frequency (LF) sound absorption and high-frequency (HF) sound reflection with the surface grooves itself providing VHF diffusion and visual relief.

AnutoneSlats Canales are available in

- **2 finishes** - 'L' for Melamine Laminate and 'V' for Natural Veneer. See page 2.

- **2 types** - non-FR and FR

The dimensions are upto 1200 x 2400 x 12 mm with grooves of 2mm at 50mm centres machined on their face. Grooves of 3 and 4 mm width are possible against orders.

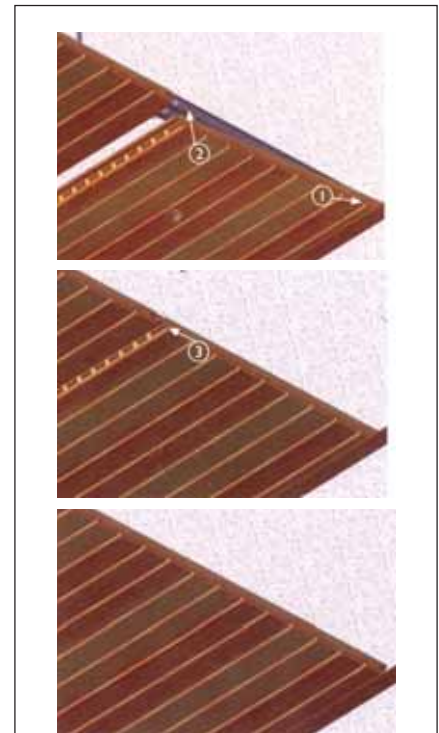
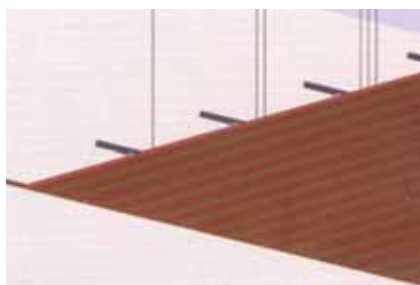
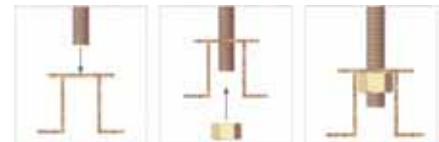
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Installation - Ceiling

To install AnutoneSlats Ideacoustic as a suspended ceiling, install the threaded rod hangers with plugs to the soffit at 1200mm centres. The metal support profiles are then fastened to the threaded rods with nuts as shown in pictures.

When all the metal support profiles are installed a perimeter angle edge trim is installed on the walls that is 18mm below the profiles level.

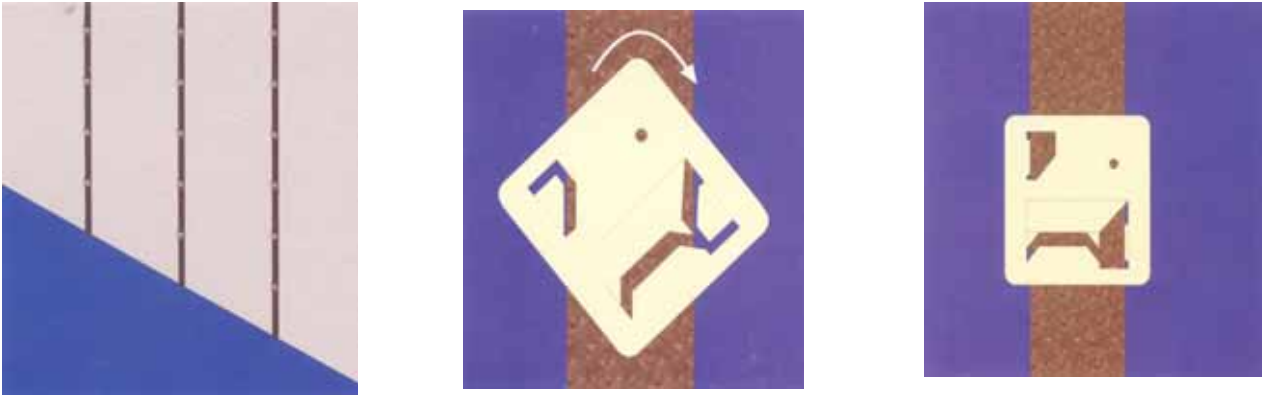


AnutoneSlats Ideacoustic panels are then installed using the supplied fixing cleats. The first panel is installed by supporting its grooved edge on the perimeter edge trim followed by cleats on its other edge. The tongue on this first panel can be cut off for better bearing. Further panels are installed by sliding the panels' tongues into the panels' grooves and fixing with cleats.

To install the last panel follow the above pictures. (1) Place the grooved edge of the panel on the edge trim. (2) Hold the tongued panel edge in front of the grooved edge. (3) Slide the tongued edge into the grooved edge of the previously fixed panel.

Installation - Panelling

To install AnutoneSlats Ideacoustic panels as wall lining first fasten the metal support profiles to the wall at 600mm centres. Next attach the fixing cleats to the metal profiles by twisting them as shown in pictures below.



Once fixing cleats have been attached to the metal profiles the panels can be installed. The first panel is fastened with a 'begin/end' fixing cleat which are screw-fixed to the back of the panels in line with the metal profiles on the wall.



The top edge of the AnutoneSlats Ideacoustic panel is fastened by sliding the fixing cleats into the panel's grooved edge profile as shown in picture below. Once the first panel is installed, more panels are installed by locating their tongued edge into the grooved edge of the previous panels. Continue installing the panels till the final edge of the wall lining is reached.

Where the wall panelling is installed flush to the ceiling, the top panel is installed using the begin/end fixing cleat as there will be no space for using the normal fixing cleats.



Installation Precautions

The space in which AnutoneSlats Ideacoustic panels are to be installed must be acclimatised to occupancy conditions of temperature and humidity. A gap of 3mm must be allowed between the floor and bottom panel to allow for expansion and thereafter every 10m. The short edges must be staggered. Panels are prone to movement due to wide fluctuations in temperature and humidity and gaps between the sort edges of the panel may appear or disappear during seasons. This is not a panel or installation anomaly. All panels must be stored in a dry area and not be allowed to come in contact with water or damp at all times.

Hardware BOQ / square metre

	Metal Profile linear metres	Begin/End Cleat nos.	Fixing Cleats nos.	Threaded Rod M6 nos.	Plugs nos.	Nut for Threaded Rod M6 nos.
Ceiling	1.5	-	5.1	2.2	2.2	2.2
Panelling	1.5	1	5.1	-	-	-