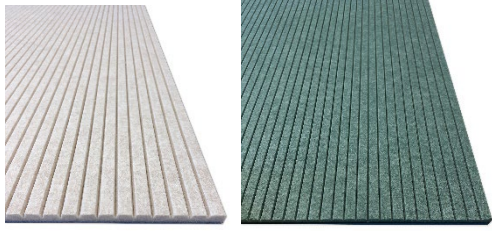




Tocca Legno
ACOUSTIC

Technical datasheet

GROOVE- 12 MM



Size	Panel
LENGTH	2700mm
WIDTH	520mm
THICKNESS	12mm

Product Description

The GROOVE PET panels are based on the UNI PET panel, but on which V-grooves have been applied (every 14mm). The panels, available in 2 colours, are easy to install and can be cut to any shape and size. Our GROOVE PET panel is the perfect product to manage your acoustics in the most creative and cost-effective way.

Colors

The Tocca Legno GROOVE PET panels come in following colours:



GROOVE - PET PANEL
LIVIGNO



GROOVE - PET PANEL
SAN MARINO

Materials

The Tocca Legno GROOVE PET panel is made of pressed, sound absorbing polyester wool, with a density of 2600g/m². Consisting for 50% out of recycled materials, the Tocca Legno GROOVE PET panel has a great sustainable value.

The PET fibers are free from toxic substances and contain no elements that cause allergic reactions or skin irritations.

Maintenance

We advice to dust the panel on a regular basis, as this will prevent dust to build up. Make sure the Hoover mouth is clean, to get the right result. When you notice dust did get the chance to build up, blow off the panel with compressed air.

In case of stains, first dab with a slightly moistened sponge or cloth and immediately absorb the moisture afterwards. Repeat until the stain has disappeared. For persistent stains, you can use degreaser if necessary (type HG is recommended).

Never rub the panel, as this may damage the surface. Always try on a small piece and evaluate before treating the entire panel.



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GROOVE- 12 MM

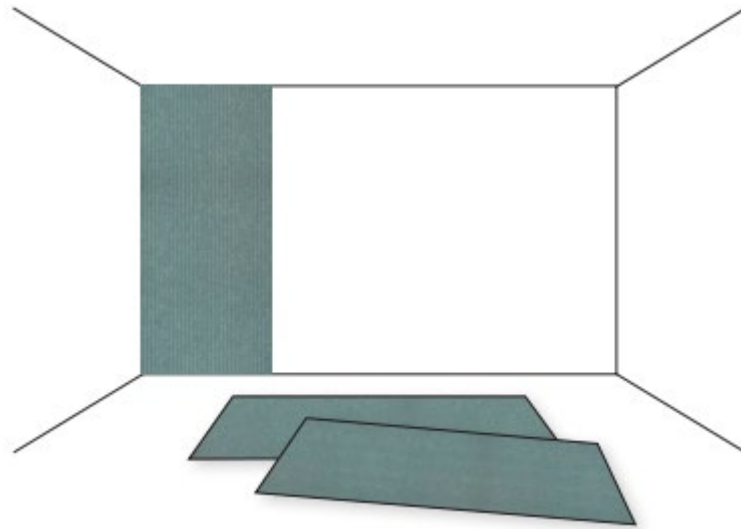
Installation

For more information, we refer to our installation guide. A recap is given here below, showing you three different options. Be sure to check the Acoustics section in this technical datasheet, as the chosen installation method will influence the acoustic performance. A framework and insulation contribute remarkably to higher sound absorption values.

Next to the acoustic value, one of the benefits of our panel, is that these can easily be cut to size, just by using a sharp knife or jigsaw. The panels are also suitable for CNC cutting and milling, as well as drilling and screwing. As a result, the panels can be used for every purpose!

Installation methods:

1. Direct gluing against the wall (wall must be flat, clean and dustfree), with MS polymer-based adhesive.



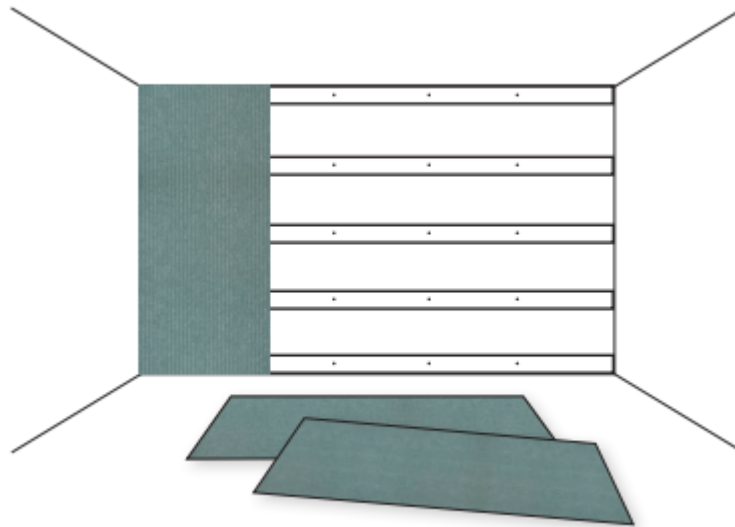


Tocca Legno
ACOUSTIC

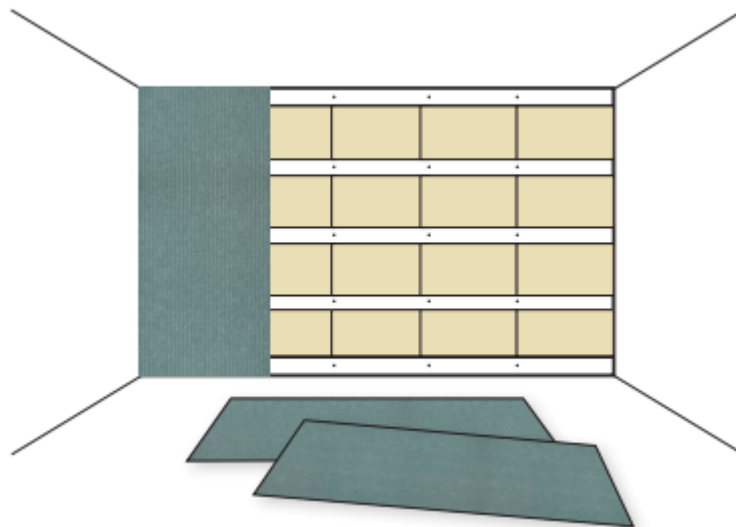
Technical datasheet

GROOVE- 12 MM

2. Mounting the panels on underlying battens (50mm thick, 60cm between the battens).

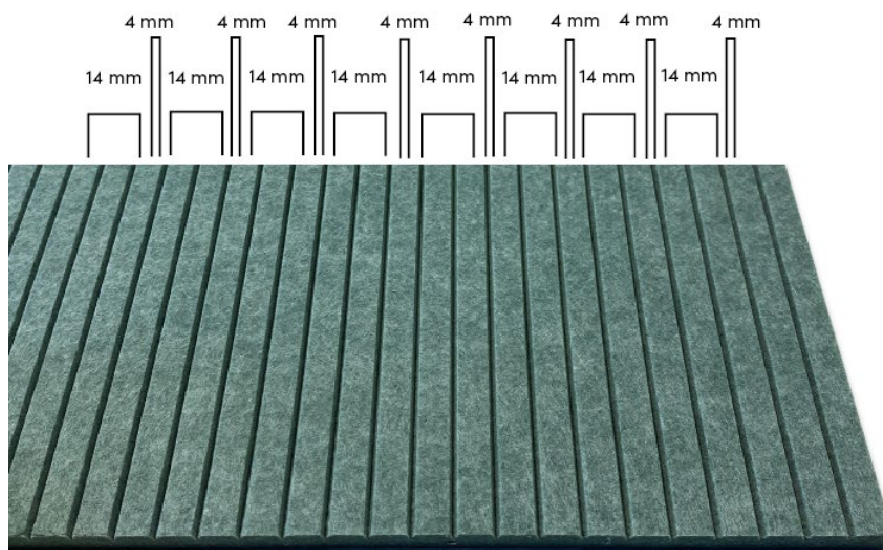


3. Same as installation 2, but mineral wool (same thickness as battens) is placed between the battens.



Overview technical specifications

MODEL	GROOVE PET panel
PANEL SIZE	Length: 2700mm – Width: 600mm – Thickness: 12mm
DENSITY	2600g/m ²
MATERIALS	100% Polyester fibre (non-irritating material)
FIRE RATING	Class B-s1,d0 (according to EN 13501-1)
SUSTAINABILITY	PET panel made of recycled materials Low VOC's
TECHNICAL ADVANTAGES	Material can not be affected by moisture, mould or mildew (PET fibers) Not sensitive to climatic changes





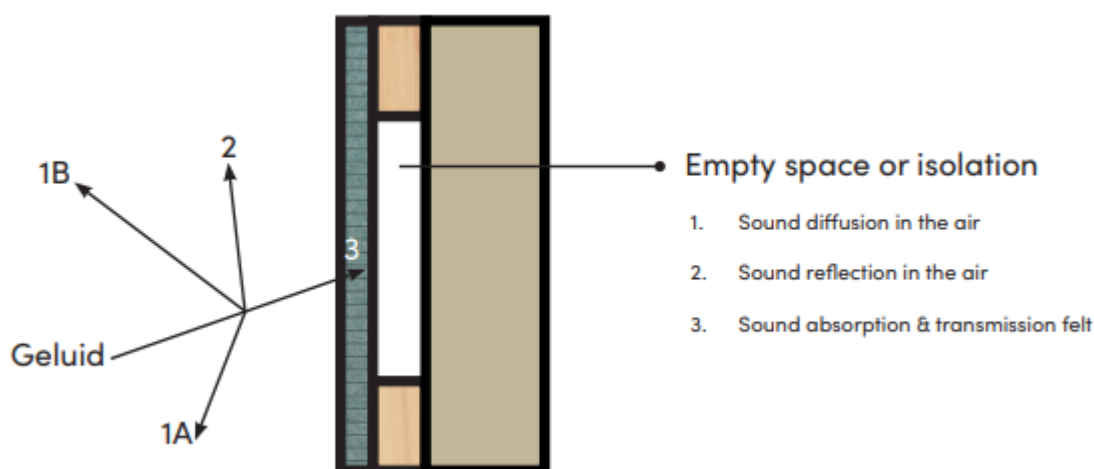
Tocca Legno
ACOUSTIC

Technical datasheet

GROOVE- 12 MM

Acoustics

Glass, concrete, steel,... are hard materials that make the sounds reflect and give your room bad acoustics. The best way to reduce the reverberation* in a room, is to counterweight the hard materials with absorption materials, such as our GROOVE PET panels.





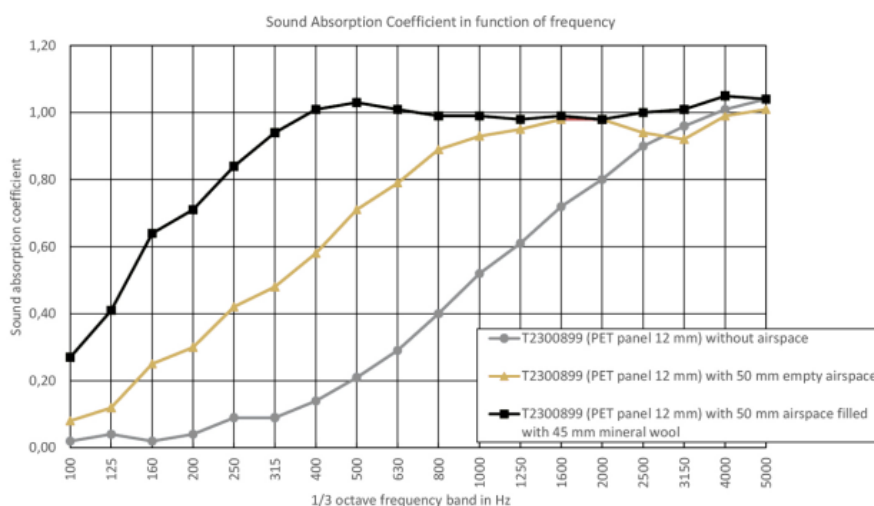
Technical datasheet

GROOVE- 12 MM

The Tocca Legno GROOVE PET panels have been tested in a certified laboratory, to measure the sound absorption according to ISO354. The test results show that our panels improve the acoustics significantly.

INSTALLATION METHOD	α_w	Class
1. Direct gluing	0.25	E
2. Framework airgap 50mm	0.70	C
3. Framework airgap 50mm + insulation	1	A

12MM



*Reverberation in acoustics is a persistence of sound or echo after a sound is produced.