

Acoustic panel Pixel

Elegant modular solution for the acoustic treatment



Performance

The product is designed for the acoustic treatment of rooms. The panels reduce sound reverberation and improve the acoustic comfort. Pixel panels are available in different colors and thicknesses, granting excellent values of acoustic absorption at medium and high frequencies (500-2000 Hz.).

Use

Given that a dedicated study on acoustics shall be done on every room before installing the panels, we recommend to follow some of the main rules that help to reduce the reverberation in a standard rehearsal room: the panels shall be applied on the 50% of the surface to treat (walls and ceilings). To obtain a higher performance and a significant reduction of the reverberation we suggest to install the panels at 1 cm apart from each other by alternating the thicknesses (5 and 10 cm).

Application

The laying of panels is very easy: using the provided glue draw a cross and a perimeter on the back of the panels, at 3 or 4 cm from the edge. Then lay the panel against the wall / ceiling by pushing for less than a minute. It is recommended to design a layout of the room before starting the application.



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Sound absorption coefficient (average α_w 0.7-0.95)

Hertz	250	500	1000	2000	4000
α_s	0.25	0.62	0.73	0.98	0.96

Available items (can be ordered separately)

Product Code	Picture	Description	Contents
PX.4505FW		Acoustic panel dimensions cm 44.5 x 44.5 x 5 in high density polyester fiber combined with a surface layer of white acoustic fabric.	4 panels / box
PX.4505FB		Acoustic panel dimensions cm 44.5 x 44.5 x 5 in high density polyester fiber combined with a surface layer of blue acoustic fabric.	4 panels / box
PX.4505FG		Acoustic panel dimensions cm 44.5 x 44.5 x 5 in high density polyester fiber combined with a surface layer of green acoustic fabric.	4 panels / box
PX.4505FR		Acoustic panel dimensions cm 44.5 x 44.5 x 5 in high density polyester fiber combined with a surface layer of red acoustic fabric.	4 panels / box
PX.4510FW		Acoustic panel dimensions cm 44.5 x 44.5 x 10 in high density polyester fiber combined with a surface layer of white acoustic fabric.	2 panels / box
AP.GLUES		Tube of water based glue.	1 tube of glue for 6 panels PX.4505F or 4 panels PX.4510F

Notes Pixel are composed by special high density polyester fiber combined with a layer of highly resistant and washable acoustic fabric. Pixel have high sound-absorbing feature and are designed for acoustic correction. They shall not be used as alternative of a soundproof booth since they do not have sound insulation properties. The lining can be sanitized according to directives of the Ministry of Health using a damp cloth with colorless alcohol-based spray nebulized to at least 30 cm of distance.