iZiSound-Wave

ECO FRIENDLY POLYESTER FIBER
WALL ACOUSTIC PANELS WAVE form engrave

iZiSound-Wave *Color Options*

iZiSound-Wave panels provide an ecological, highly effective way to improve a room's acoustic quality. They are manufactured from thermo-bonded, recycled polyester fibers and contain no phenolic or formaldehyde binders. The panels are created as rectangular modules with smoothly rounded corners.

The visible face is covered with a denser layer of the same material, engraved with a continuous sine-wave pattern.

Behind every panel sits a black, sound-absorbing backer plate to ensure consistent acoustic performance.

Description

PET felt polyester fibers used in iZiSound-Wave are sourced from recycled plastic bottles, making it a post-consumer material that significantly contributes to environmental sustainability.

All corners of the panels are rounded.

Key Features

Eco friendly: Manufactured mainly from recycled & recyclable PET felt materials, it minimizes its environmental impact.

Flexibility: Particularly lightweight, flexible and easy to assemble.

Stability: Unaffected by ultraviolet radiation, bacteria, microorganisms, insects & more it exhibits durability and a long-lasting life cycle.

Fire Safety: The primary core of this product possesses self-extinguishing properties in accordance with FMVSS 302:2011 standards. Reaction to Fire classification B-s2,d0 according to EN 13501-1 : 2018.

Indoor Air Quality: Certified according to ISO 16000, it meets indoor air quality standards. Additionally, it is VOC (Volatile Organic Compounds) and formaldehyde-free.

Effective: High sound absorption capacity.

Color:	Black / White upon request
Dimensions:	45X45cm
Thickness:	52mm or 15mm
Weight:	2.2kg/m^2

Acoustic performance

The sound absorption index (α_s) per square meter, according to ISO354.2003 and the weighted sound absorption coefficient (α_w) according to ISO11654.1997, can be found in the following table:

Type: **iZiSound 50mm.**	*125 Hz*	*250*	*500*	*1k*	*2k*	*4k*	Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
Sound Absorption Coefficient	0.30	0.65	0.85	0.95	0.90	0.95	0.90	A

Tested by accredited laboratories.

Installation

The accessories shown in the figure allow to mount the panels on the wall: simply hand-screw the metal fittings into the back of the panel, then hang the hooks on the L-shaped screws already fixed to the wall. Alternatively, the panel can be bonded directly to the wall with a dedicated spray adhesive, giving you the same secure hold with zero hardware.

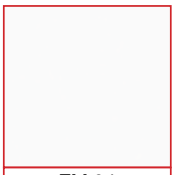
Not included

Standard Felt Face color collection

FM 01

FM 02

FM 03


FM 04

FM 05

Color Matching

Batch to batch variations in shade may occur with commercial tolerances. Photographic felt scans are not color accurate. Always request actual felt samples, before ordering.