



ECOWALL BAFFLE

ABSORPTION

PRODUCT CHARACTERISTICS

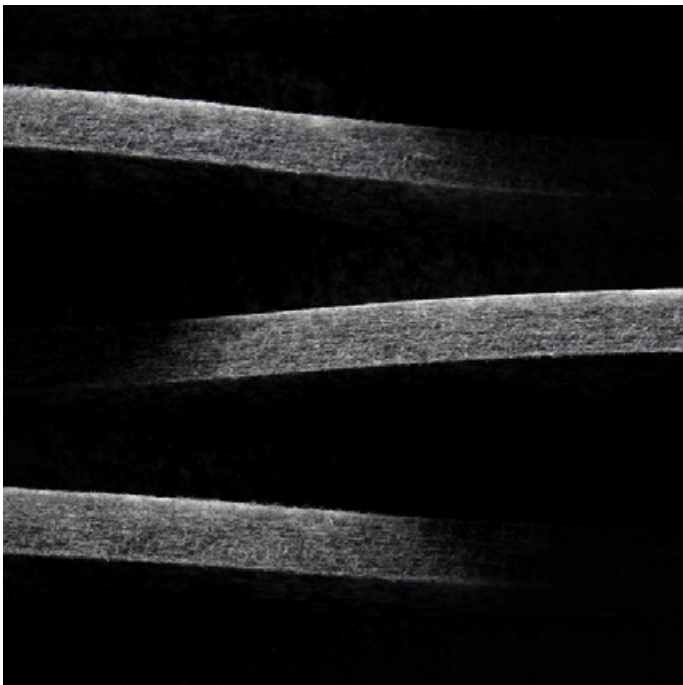
EcoWall Baffle is a special wall panel prepared by our architects in collaboration with acousticians, thanks to which the optimal possibilities of the EcoBoard material have been combined with a high sound absorption coefficient and a unique design. The base of the board is made of 15 mm thick compressed polyester wool. Vertical baffles of equal width, equal spacing but different heights (from 3 to 15 cm) are attached to it. The pattern is chosen to give the impression of a moving wave. This creates an extremely generous and organic shape. The slim baffles visually enlarge the space and give it a dynamic character.

The different heights of the baffles absorb sound over a very wide frequency range (from 125 Hz to 10 kHz). The openwork structure creates partitions, into which the sound falls and is trapped. The absorbing surface is therefore much larger here than in the case of traditional acoustic panels

($\alpha_w \geq 0,95$). This, in turn, translates into much better efficiency with the use of fewer panels on the walls.

ECOWALL BAFFLE

ABSORPTION



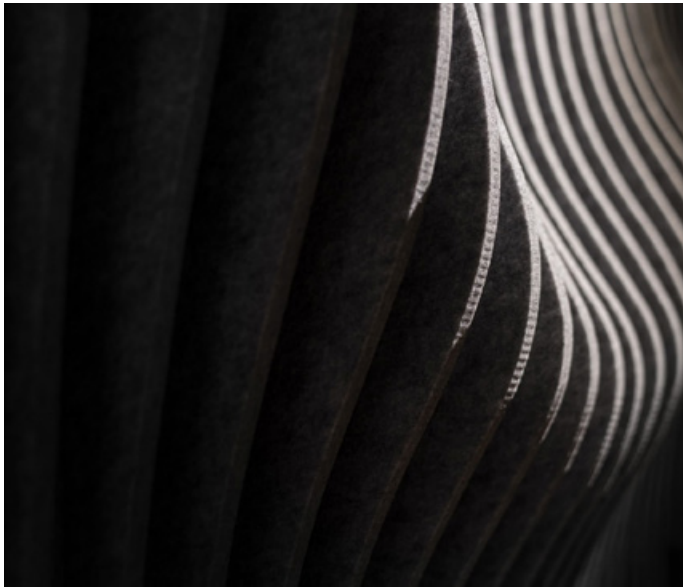
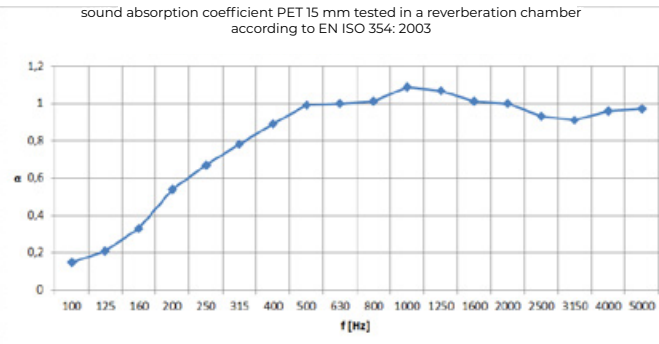
PRODUCT PROPERTIES

	ABSORPTION COEFFICIENT	≥ 1
	ABSORPTION CLASS	A
	FIRE CLASSIFICATION	B, s1, d0
	SPACING ADJUSTMENT	yes
	ASSEMBLY	walls, ceiling
	ANTISTATIC	yes
	UV RAY REACTION	no discoloration
	ECOLOGICAL PRODUCT	yes

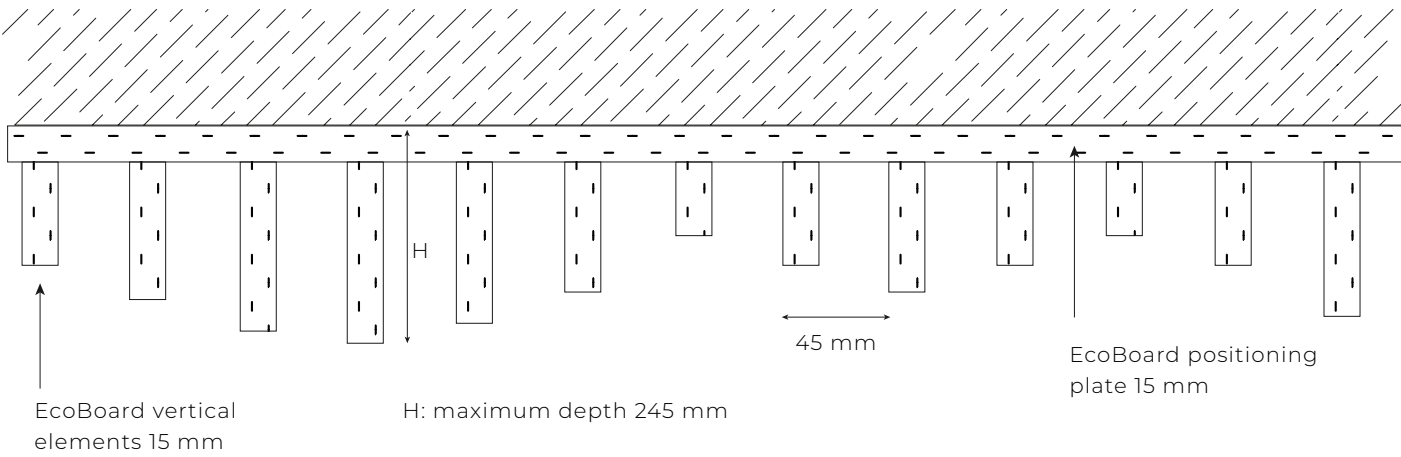
MATERIAL

EcoWall Baffles are made from compressed polyester fibers recovered from the recycling process of PET bottles. Unlike mineral wool, this material does not attract dust, does not get dirty, is environmentally friendly and safe. It is also resistant to mechanical damage and deformation. The product is fully recyclable. It is odorless, mold resistant and does not emit toxic substances. It has a high class of non-flammability B-s1, d0. The panels can be fixed to the wall with glue or mounting tapes.

ABSORPTION GRAPH

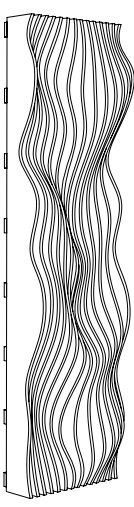
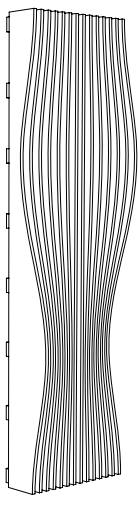


TECHNICAL DRAWINGS



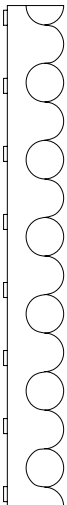
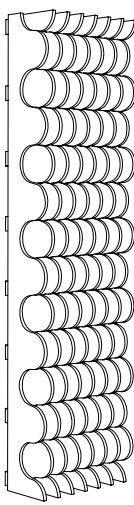
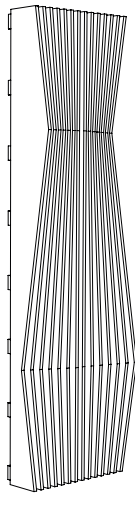
Soft

Organic



Sharp

Circles



PRODUCT TABLE

Soft
Organic
Sharp
Circle

COLOUR:



HOW TO PLACE AN ORDER?

SELECT: Pattern, size of space, colour
e.g.: Organic, 5000 x 2800 mm, grey

