



EcoCloud

ABSORPTION

PRODUCT CHARACTERISTICS

EcoCloud are acoustic ceiling islands made of the innovative material PET. They consist of a special three-layer structure with an air cavity, which gives them a very high sound absorption coefficient, effective from 120 Hz. The high efficiency at low frequencies ensures absorption of the entire sound range of human speech, which contributes to improved speech intelligibility and a significant reduction in reverberation.

EcoCloud is a perfect solution wherever traditional suspended ceilings cannot be used or when the original height of the room needs to be maintained. Another advantage of using suspended islands is the possibility of placing them at different heights or angles, which significantly improves the acoustic conditions. Ceiling islands are also irreplaceable when there is a large number of technical installations on the ceiling or when you want to leave the ceiling expo-

sed for esthetic reasons. The construction ensures smooth air-circulation which is significant when designing the ventilation.

EcoCloud


ABSORPTION



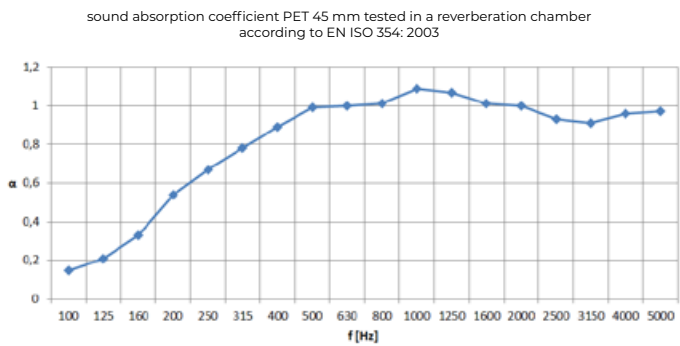
MATERIALS

EcoCloud acoustic islands are made from compressed polyester fibers recovered from the recycling process of PET bottles. Unlike mineral wool, they are dust and dirt repellent, environmentally friendly and safe for human health. It is also resistant to mechanical damage and deformation. The product is odorless, mold resistant and does not emit toxic substances. It has a fire class of B, s1, d0.

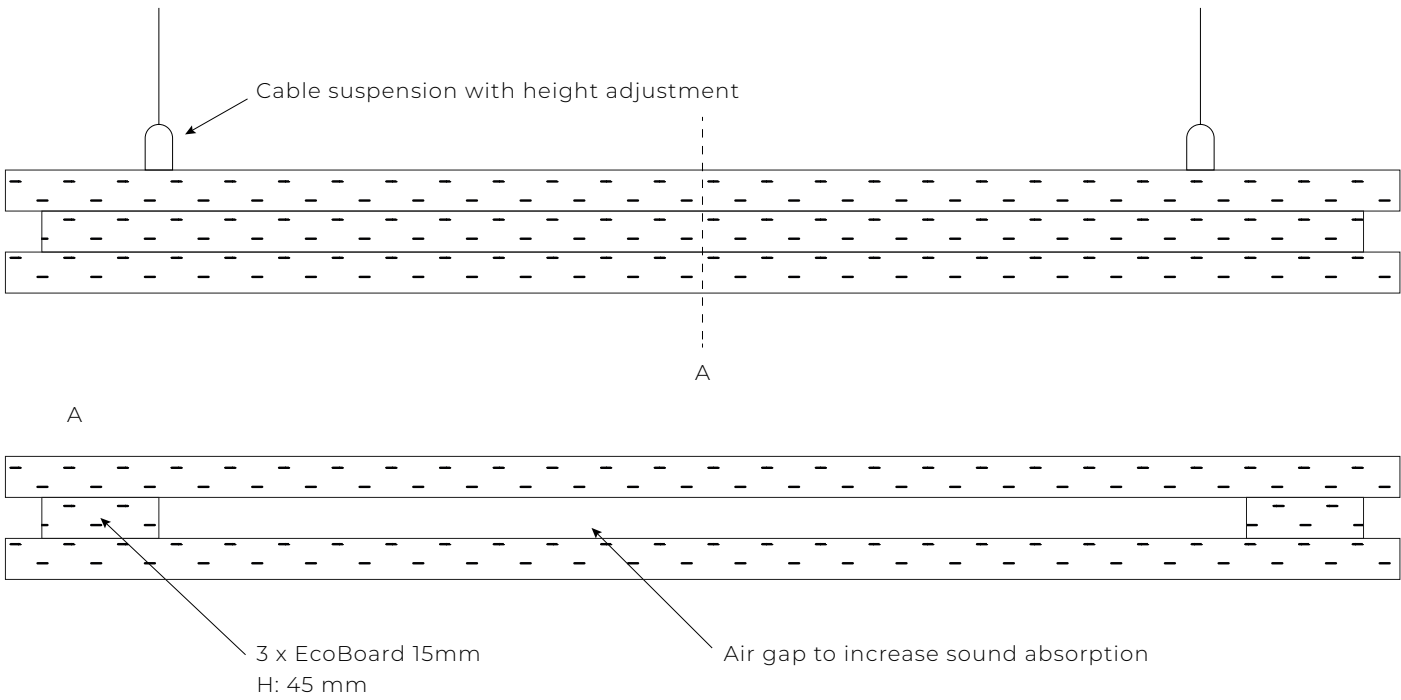
PRODUCT PROPERTIES

	ABSORPTION COEFFICIENT	≥ 0,9
	ABSORPTION CLASS	A
	FIRE CLASSIFICATION	B, s1, d0
	HEIGHT ADJUSTMENT	yes
	THREE-LAYER BUILD	yes
	ANTISTATIC	yes
	UV RAY REACTION	no discoloration
	ECOLOGICAL PRODUCT	yes

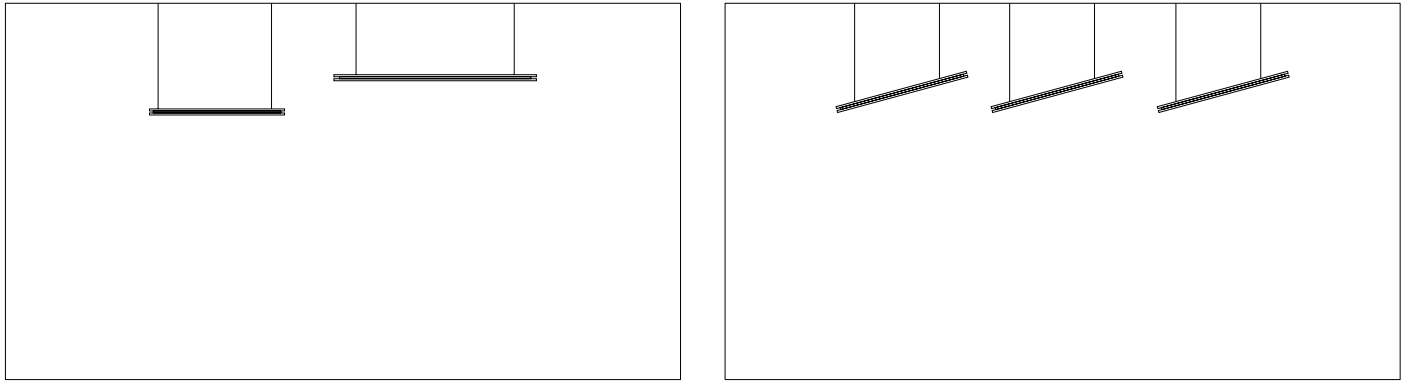
ABSORPTION GRAPH



TECHNICAL DRAWINGS



EXAMPLE COMPOSITIONS

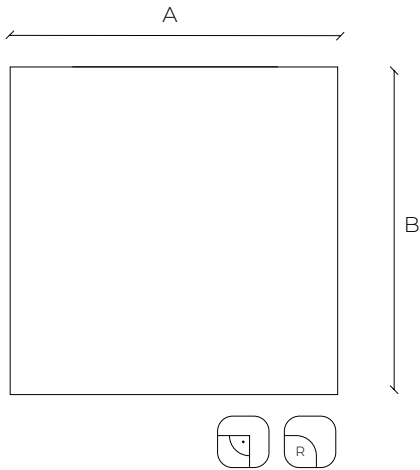


Outline of wall 5 x 2,8 m
Islands at a width of 1000 mm and 1500 mm.

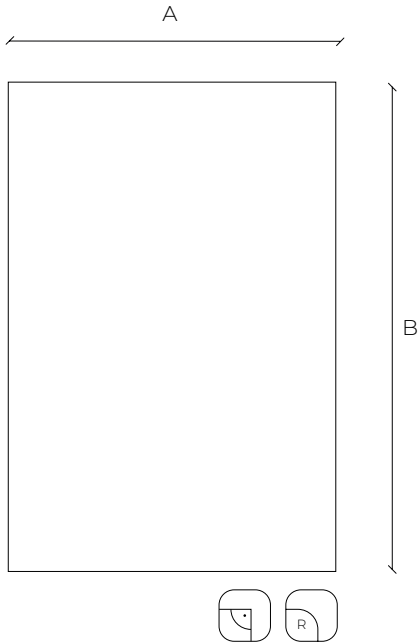
Outline of Wall 5 x 2,8 m
Islands at a width of 1000 mm.

BASIC SHAPES

Square



Rectangle



Finishing of the corners:

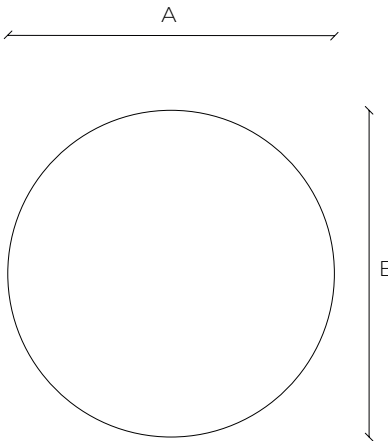


straight

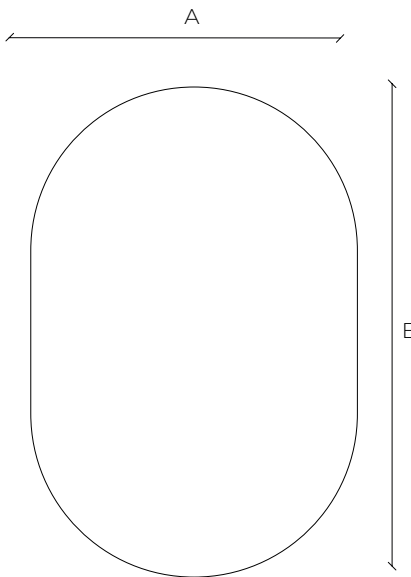


round (standard R - 80mm)

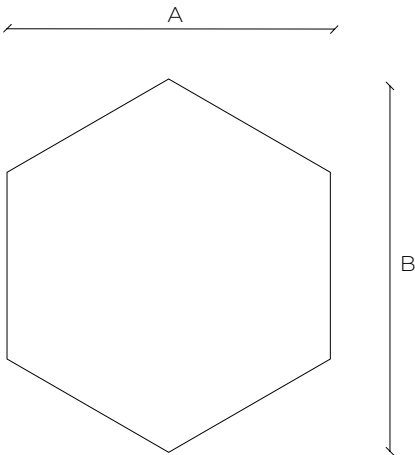
Circle



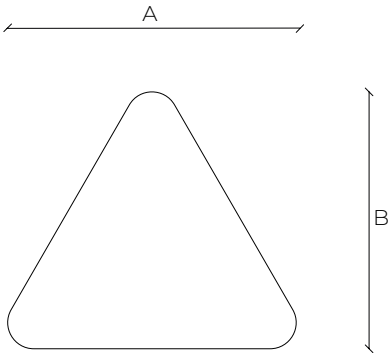
Elipse



Hexagon



Triangle



PRODUCT TABLE

Square	1000 x 1000
Circle	1000 x 1000
Rectangle	1000 x 1500
Elipse	1000 x 1500
Hexagon	1000 x 1130
Triangle	883 x 786
Custom	?
* A x B sizes in mm	

FINISHING:

COLOUR:



HOW TO PLACE AN ORDER?

SELECT: Pattern,size,colour,amount

e.g.: Square, 1000 x 1000, White, x30 amount

