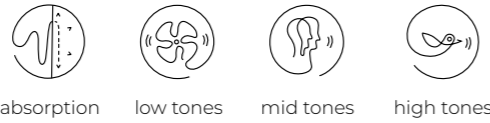


ECO PET the RAM

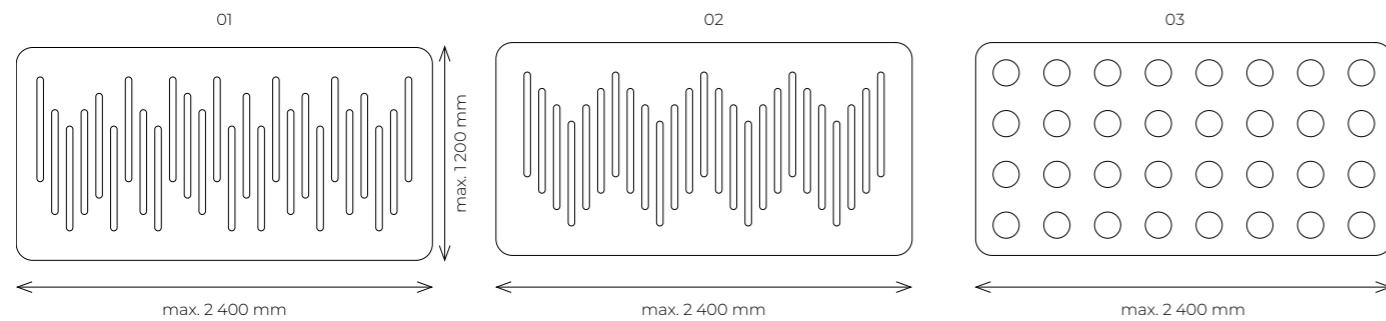


absorption low tones mid tones high tones

EcoPET the RAM (Room Acoustic Modifiers) is a group of sound-absorbing products that ensure perfect acoustic conditions in every room. Their advantage is the variety of mounting methods, also directly to furniture and other interior elements. Their invaluable sound-absorbing properties ensure acoustic comfort, at work in particular.

ECO PET the Overlay

exemplary pattern



Size
according to an individual design
(size max. 1 200 x 2 400 mm)

Thickness
9 - 27 mm

Material
Front: EcoPET, EcoFELT - pressed PET polyester fibers.
Colour guide available on request.

Supporting structure: steel, HPL, MDF

Designer
ZAEM Team

Country of production
Poland

Category
absorption

Description
EcoPET the Overlay is a sound-absorbing radiator cover with a very high efficiency of reducing reverberation noise. Available in many different designs, shapes and colours.

Application
Standard and open-plan offices, conference rooms, rooms in private homes and public buildings, such as schools, universities, libraries and agencies.

Custom-made
Depending on the design concept, different sizes, colours (single-color with EcoPET material, two-color or multi-color with EcoFELT material) and shapes are available.

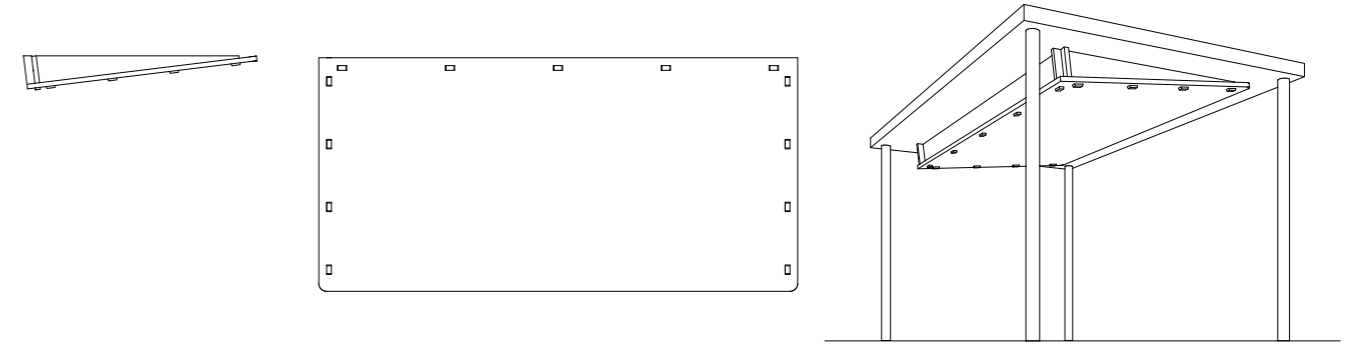
Fire safety
Possibility of making out of materials with fire resistance class B-s2, d0.

Additional information
This and the following product was designed as part of the research and development project "Development of Integrated Acoustic Modifying Components Technology" (IAMC), co-financed by the European Union under the European Regional Development Fund. Agreement number: POIR.01.01.01-00-0965 / 18-00



ECO PET the Underlay

layout drawing of EcoPET the Underlay



Size
according to an individual design
(size max. 1,200 x 2,400 mm)

Material
EcoPET, EcoFELT - pressed PET polyester fibers, polyurethane foam.
Colour guide available on request.

Designer
ZAEM Team

Country of production
Poland

Category
absorption

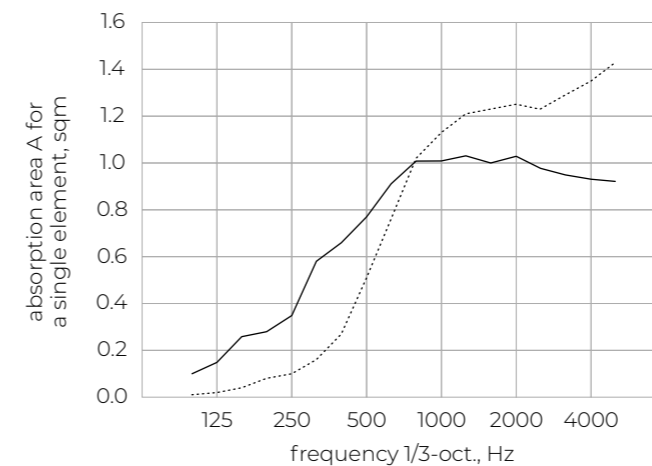
Description
EcoPET the Underlay is a sub-furniture acoustic system that uses passive and unused surfaces of furniture to introduce materials with a very high efficiency of sound absorption. The shape of the Underlay elements has been designed in such a way that their use does not affect the ergonomics of using the furniture.

Application
Standard and open-plan offices, conference rooms, rooms in public buildings, such as schools, universities, libraries and agencies.

Custom-made
Depending on the design concept, different sizes, colours (single-color with EcoPET material, two-color or multi-color with EcoFELT material) and shapes are available.

Fire safety
Possibility of making out of materials with fire resistance class B-s2, d0.

Architected Sound EcoPET the Overlay oraz the Underlay – sound absorption



frequency 1/1 oct.	—
125 Hz	0.20	0.00
250 Hz	0.40	0.10
500 Hz	0.80	0.50
1000 Hz	1.00	1.10
2000 Hz	1.00	1.20
4000 Hz	0.90	1.40

----- EcoPET the Overlay*
 — EcoPET the Underlay**

* values obtained by measurements conducted according to PN-EN ISO 354: 2005 and ISO 20189: 2018