



The SilentPET[®] Home & Office acoustic element is made from pure recycled PET bottles and meets the Oeko-Tex Standard 100. It is especially designed for the improvement of the room acoustics in the office or living area. Due to the high inherent stability of the panel it can be used without a frame as a standard.

COLOUR & SURFACE

The acoustically highly effective SilentPET[®] panel has a white core, is laminated with a white felt as standard and reflects light pleasantly in the room. On customer request, a coloured lamination can be supplied instead of the plain white surface. On special demand, grey, anthracite, black, olive green, red and further surface colours are available.

DIMENSIONS & SHAPES

The Home & Office acoustic panel can be produced in any shape according to the customer's wishes. This allows the design of acoustically effective logos, characters and much more.

Standard dimensions:

1200 x 1200 mm, 1200 x 2400 mm, ø 1200 mm
(available from stock felt white)

Max. Size: 1500 x 3000 mm

Panel thickness: 50 mm

Weight: approx. 2600 g/m²

(other dimensions, grammages, felts and colours according to customer's request)



INSTALLATION

The element can be fixed to the ceiling directly or by using a steel cable system with adjustable suspension height, or mounted on the wall by using an aluminium profile. A suspension and rail system for ceiling and wall mounting is also available as an accessory.

ADVANTAGES

- reflects the light pleasantly
- offers excellent acoustic values
- different shapes and colours possible
- resistant to moisture
- no emission of fine dust particles
- does not release any gases or other emissions
- very robust and impact resistant
- produced in an environmentally friendly way

SOUND ABSORPTION

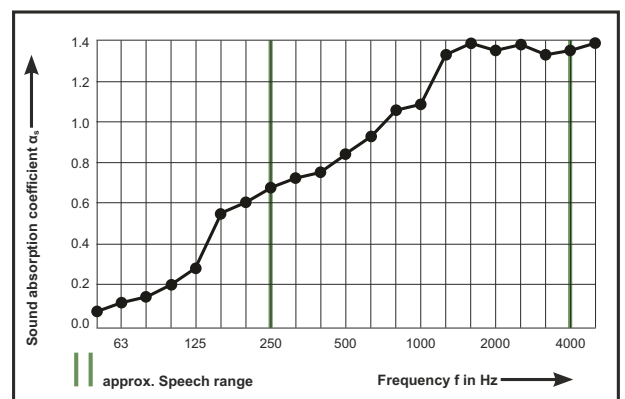
Sound absorption class: A

Sound absorption coefficient α_w : 0.90

SilentPET® Home & Office 1200 x 2400 x 50 mm

RECwhite 2600 g/m², suspension height 500 mm

(tested according to DIN EN ISO354 / DIN EN ISO11654)



FIRE RESISTANCE & COMPOSITION

Temperature range: -30 °C to +80 °C

Classification according to EN 13501-1, B-s1, d0

60% PET recycled fibers, 40% Bicofibers (adhesive fibers), surface felt-laminated.