



The SilentPET<sup>®</sup> Industry acoustic element is made from recycled PET bottles and complies with the Oeko-Tex Standard 100. The highly robust acoustic panel is particularly suitable for industrial environment. Excellent sound absorption enables good acoustic values in production facilities, warehouses, workshops and wardrobes.



## COLOUR & SURFACE

The acoustically highly effective SilentPET<sup>®</sup> panel has a white core with a high visible surface, which is ideally suited for individual lacquering. This means that the acoustic elements can be painted in any RAL or NCS colour. Other surface treatments, such as laminations, are available on request.



## DIMENSIONS & SHAPES

The SilentPET Industry acoustic panel can be produced in any shape and according to customer's requirements. This enables the design of acoustically effective logos, characters and much more.

Standard dimensions:

1200 x 2400 mm

(available from stock)

Max. panel size: 1500 x 3000 mm

Panel thickness: 50 mm

Weight: 2600 g/m<sup>2</sup>

(other dimensions and grammages according to customer requirements)



## INSTALLATION

The element can be installed directly or suspended from the ceiling with an adjustable suspension height or mounted on the wall using an aluminium profile. A suspension and rail system for ceiling and wall mounting is available as an accessory.

## ADVANTAGES

- fast and cost-effective acoustic solution
- offers excellent acoustic values
- sustainably produced product
- robust and impact resistant
- resistant to humidity
- no emission of fine dust particles
- does not emit any gases or other emissions
- easy wall or ceiling mounting

## SOUND ABSORPTION

Sound absorption class: A  
 Sound absorption coefficient  $\alpha_w$ : 0.90  
 SilentPET® Industry 1200 x 2400 x 50 mm  
 RECwhite 2600 g/m<sup>2</sup>  
 Suspension height: 500 mm  
 (Test 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 raw

