



The SilentPET<sup>®</sup> baffle acoustic element is made from recycled PET bottles. The acoustic panel is used in particular for reducing the noise level in production halls, industrial buildings or similar rooms with high ceilings. The vertical installation of the elements reduces the horizontal propagation of the sound waves effectively.

## COLOUR & SURFACE

The acoustically effective SilentPET<sup>®</sup> panel has a white core with a raw or thermally treated visible surface. The robust and light surface reflects the light pleasantly in the room. The baffles can be painted in any RAL or NCS colour. Other surface treatments, such as laminations, are available on request.

## DIMENSIONS & SHAPES

The SilentPET Baffle acoustic panel can be produced in any shape according to customer requirements. Due to the high flexibility of the dimensions and the choice of surface colour, the baffle can be integrated almost anywhere and blends in particularly well with the existing interior design.

Standard dimensions:  
400 x 1200 mm

Max. panel size: 1500 x 2400 mm  
Panel thickness: 50 mm  
Weight: approx. 2600 g/m<sup>2</sup>

(other dimensions and grammages according customer requirements)



## INSTALLATION

The element can be mounted vertically using a steel cable system with adjustable suspension height or directly to the ceiling by means of a mounting rail. The specially developed suspension and rail system for 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 moisture
- does not emit fine dust particles
- does not emit gases or emissions
- flexible and simple ceiling mounting

## SOUND ABSORPTION

Mounting / rail system

Baffle spacing 300 mm

Sound absorption class: A

Sound absorption coefficient  $\alpha_w$ : 1.0

SilentPET<sup>®</sup> print baffle: 1200 x 400 x 50 mm  
2600 g/m<sup>2</sup>

(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 raw or thermally thermally treated.

