

# SMART 45° Diagonal absorbent



Some rooms must function for discussions, movement, film showing as well as lectures, at the same time feeling calm and comfortable. For this type of room SMART 45° Diagonal absorbent is excellent. SMART 45° Diagonal absorbent is a supplement to the product LÄTT and its task is to deal with the bass absorption. The product uses the closed in cavity behind the board, in order to improve the absorption over the low bass frequencies. SMART 45° is easy to install and so flexible that in most cases any existing plumbing does not have to be changed.

**This is the smart** solution for absorption down to low frequencies. The absorbent profits from the closed in cavity in order to better cover a wider extent of frequencies.

**SMART 45° Diagonal absorbent** consists of a mineral wool board completely dressed in polyester non-woven (also

the edges), with fire-class 1 surface as well as absorption class A. Absorbent measures 1200 x 600 x 50 and 1200 x 900 x 50 mm, other measures upon request.

**The absorbent** is easy to install with the enclosed, white 45° profiles.



SMART 45° Diagonal absorbent (mounting).



SMART 45° Diagonal absorbent in a studio.

## Designation

• "Akustikmiljö's SMART Diagonal absorbent for installation 45° between ceiling and wall, with a core made of mineral wool and surface of polyester non-woven".

**Art. No. 110001** for 45° installation 1200 x 600 x 50 mm

**Art. No. 115001** for 45° installation 1200 x 900 x 50 mm

## Fire-technical classification

Akustikmiljö's absorbents of mineral wool with polyester non-woven fulfil the demands on surfaces class 1 (B-s1, d0).

## Acoustic qualities

Tests performed by the National Swedish Testing Institute (SP) according to ISO 354 and ISO 11654.

| Product | Surface      | Constr. height | 63   | 125  | 250  | 500 | 1'  | 2'  | 4'  | $\alpha_w$ |
|---------|--------------|----------------|------|------|------|-----|-----|-----|-----|------------|
| SMART   | 45°, CM      | 424 mm         | 0,25 | 1,0  | 1,0  | 1,0 | 1,0 | 1,0 | 1,0 | 1,0        |
| 50 mm   | ceiling/wall | 849            | 0,55 | 0,85 | 0,85 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0        |

Akustikmiljö was started in 1996 and today represents one of the leading companies within acoustics. Akustikmiljö's business concept is to design sound-improving solutions aimed for anything from modern settings designed by architects and music studios to K-labelled (under national protection) seventeen century buildings. Akustikmiljö's head office and production plant are found in Falkenberg, Sweden, and we deliver solutions to a number of countries all over Scandinavia and parts of Europe.



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