Triflex BIS accessories

Wood-Fibre Cement Board

Product information

Applications

The wood-fibre cement board is used in the Triflex BIS balcony thermal insulation layer for load distribution.

Properties

The installation board is a sanded, cement-bonded wood fibre board with a circumferential tongue and groove.
The weight is approx. 22 kg.

- Wood fibres 100 % PEFC-certified
- Robust and heavy-duty
- Easy to lay
- No drying times
- No mechanical fixing
- High footfall sound insulation
- Non-flammable (A2-s1, d0 tested) according to EN 13 501-1

Pack sizes

Board

119 x 62.5 x 2.2 cm l x w x h Wood-Fibre Cement Board

The boards are supplied with a moisture content which is roughly equivalent to the compensating moisture level for 20 °C and a relative air humidity of 60 %. Equates to a moisture level ex works of 9 % (+/- 3 %).

Colours

Wood brown

Storage

The installation board must be stored in a dry place on a level, stable surface and protected against damage from impacts and, when stored outdoors, permanently protected against moisture, rain and sunlight. During storage, cover the board with a building tarpaulin and protect it against soil moisture. One-sided drying or moistening leads to a curvature of the cement board.

Conditions for use

In case of temperature and humidity differences, the installation boards must be able to adjust to the ambient climate. Special care must be taken to ensure sufficient air conditioning if the control air humidity at the installation site deviates from the delivery humidity (approx. 65 % air humidity) by more than approx. 10 %.

Application instructions

For application, see the system description for Triflex BIS.

The installation board must be lifted upwards from the stack and should not be pulled off to the side. The board must be carried vertically and must not be set down on the corner of the panel to avoid damage.

Technical values

Thermal conductivity	0.251 W/(m·K)
Tensile bending strength	min. 9 N/mm²
Raw density	min. 1300 kg/m³
Vapour diffusion resistance factor	μ = 59.1 (Sd value 1.30)
Compressive strength	11.7 N/mm²

General information

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the wide variety of on-site requirements and conditions, the user is required to test the product's suitability for the particular purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.