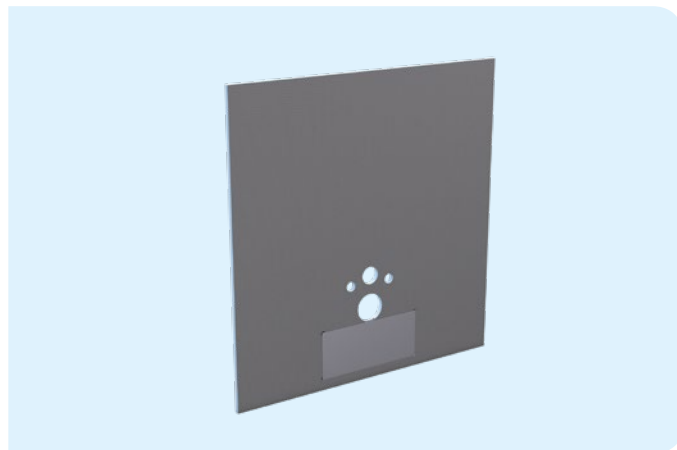


## wedi I-Board® Plus

- For cladding of toilet installation frames
- With reinforcement plate integrated in the factory
- For use with plaster and mosaic



### General product description

The wedi I-Board Plus is made of blue extruded polystyrene hard foam which is reinforced with alkali-resistant fibre-glass mesh and coated with polymer-modified mortar on both sides. The element also has a 450 × 200 mm reinforcement plate.

### Applications

The wedi I-Board Plus is suitable for cladding toilet drywall installation frames and can subsequently be tiled or plastered. The minimum required tile size is 20 × 20 × 6 mm.

All commercially available toilet types can be installed on the finished wedi I-Board Plus.

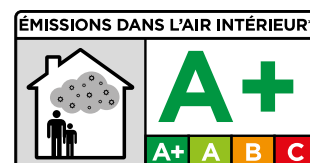
### Surface requirements, laying

Toilet installation frames that are suitable for use in drywall construction.

### Processing information

The installation instructions for the wedi I-Board Plus are available in the download area on our website [www.wedi.eu](http://www.wedi.eu).

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purposes.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant A+ (très faibles émissions) à C (fortes émissions).

Information on the emission level of volatile substances in indoor air which present a risk of inhalation toxicity, on a scale of A+ (very low emissions) to C (high emissions).

## Technical properties of wedi I-Board® Plus

Fire behaviour EN 13501	E
Tensile strength	0,28 N/mm <sup>2</sup>
Linear coefficient of thermal expansion	0,02 mm/mK
Strong	til 4 KN

## Technical properties of raw foam building board systems

CO<sub>2</sub>-foamed, extruded polystyrene rigid foam with closed cell structure and flame-retardant additive. The polystyrene rigid foam is HCFC and CFC-free.

Long-term compressive strength (50 years) ≤ 2% compression EN 1606	0,08 N/mm <sup>2</sup>
Compressive resistance or compressive strength at 10% compression EN 826	0,25 N/mm <sup>2</sup>
Associated module of elasticity EN 826	10 – 18 N/mm <sup>2</sup>
Thermal conductivity EN 13164	0,036 W/mK
Tensile strength EN 1607	0,45 N/mm <sup>2</sup>
Shearing resistance EN 12090	0,2 N/mm <sup>2</sup>
Shear modulus EN 12090	7 N/mm <sup>2</sup>
Bulk density EN 1602	32 kg/m <sup>3</sup>
Resistance to water vapour diffusion (μ) EN 12086	100
Water absorption under long-term immersion EN 12087	≤ 1,5 Vol.-%
Capillary action	0
Linear coefficient of thermal expansion	0,07 mm/mK
Temperature limits	-50°C / +75°C
Fire behaviour of construction materials EN 13501, building material class	E
Carbon dioxide propellant GWP value	1

## Packing

Boards on pallets

## Storage

In principle the wedi I-Board Plus should be stored flat. It must be protected against direct sunlight and moisture.

## Safety notice

none