



TECHNICAL DATA SHEET

XPS Tile backer board / floor insulation

1200x600x6 mm

PRODUCT DESCRIPTION

CALDO backer boards/floor insulation are made of XPS (extruded polystyrene) foam board (CFC & HCFC free, yellow closed-cell core) in core and coated with fibreglass mesh and polymer cement mortar on both sides. The XPS (extruded polystyrene) foam board in the core is 100% waterproof and offers exceptional resistance to water vapour. As proof, these panels meet the stringent standards of ASTM/ANSI testing for waterproofing and are suitable as part of a waterproof installation when seams and fastener heads are properly treated.

FLEXIBLE

The CALDO product is very easy to customize to your space. Using a Stanley knife or saw, CALDO backer boards can be trimmed to line up to the exact position of your existing work space using the variety of different standard sheet sizes.

LIGHTWEIGHT

With a high density foam core, CALDO pieces are very lightweight and easy to install.

FEATURES:

- Lightweight
 - Hygienic
 - Acoustically better than cement sheets
 - Meet the criteria for any waterproofing and adhesive
 - Easily adjustable to fit any required dimensions
 - Perfect for existing timber, concrete floors and compressive cement sheets
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CHARACTERISTICS

- Can be cut to any size
 - Waterproof, excellent for shower area
 - Excellent for heat insulation
 - Excellent for sound insulation (12mm XPS board, 20 db)
 - Easy to cut with knife and saw
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APPLICATION

- In private residential construction
 - In public buildings and workplaces
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- In accessible dwellings
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INSTALLATION

For fixing CALDO backer boards / insulation to the substrate use cement based flexible tile adhesive.

Use a BRANZ Appraised waterproofing membrane appraised for use in wet areas.

Flexible waterproof tile adhesive for bonding the stone or ceramic tiles to the CALDO backer boards.

TECHNICAL VALUE OF THE XPS BACKER BOARD

		XPS
Density of core XPS board	kg/m ³	35
Thermal conductivity, 90 days, 10°C	W/mK	≤0.03
Compressive strength at 10% deflection or yield, (vertical)	kPa	≥450
Tensile strength	kPa	≥450
Water absorption	Vol-%	≤1.00%
Capillarity	nil	nil
Temperature limits	°C	-50°C, +80°C
Coefficient of linear thermal expansion	mm/mK	0.07
Fire protection class		B1
Quality management system	ISO9001	03615Q20891R1S

PACKING

One cartoon box contains 20 backer boards.



**The picture above is just an example, not the dimension listed*

STORAGE

These must be stored indoor, up/off concrete floors, in dry conditions, out of direct sunlight and extreme temperatures.

PRODUCT DIMENSIONS

1200mm x 600mm x 6mm



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