DATA SHEET

25 WARRANTY

COATED BOARDS

Insulation for underfloor heating

The insulation board is designed for use beneath electrical underfloor heating systems, providing enhanced thermal efficiency and mechanical stability. Constructed from high-density extruded polystyrene (XPS), the board features a durable cementitious layer reinforced with fiberglass mesh on both sides. This combination ensures excellent compressive strength, dimensional stability, and resistance to moisture.

SUPERIOR THERMAL INSULATION
Reduces downward heat loss and improves system efficiency, ensuring faster heat-up times and reduced energy consumption.

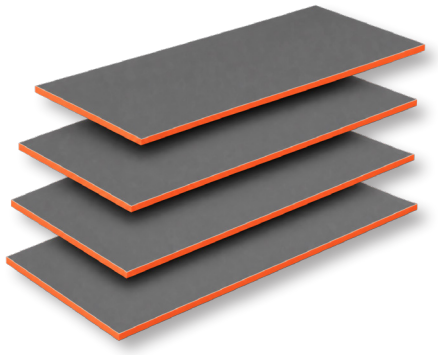
MOISTURE RESISTANT
XPS core provides excellent resistance to water absorption, maintaining insulation properties even in humid environments.

HIGH COMPRESSIVE STRENGHT
Supports the loads of floor finishes and heating systems without deformation

REINFORCED DURABILITY.
Fiberglass mesh cementitious layers on both surfaces add structural strength, provide impact resistance, and create an ideal surface for direct application of adhesives and levelling compounds.

VERSATILE APLICATION
Suitable for installation beneath tile, stone, laminate, and other floor coverings.

EASY HANDLING AND INSTALLATION
Lightweight boards can be easily cut to size and laid with minimal effort.



CE

TECHNICAL DATA

Thickness (EN823:2013)	4 • 6 • 10 • 20mm
Squareness (diagonal measuring)	2,0mm
Compressive strength, CS (EN826:2013)	400KPa (+100/-0 Kpa)
Density (EN ISO 29470:2020)	38 kg/m³ (+/- 5%)
Thermal conductivity (EN 12667:2001)	0,038 W/m*K
TVOC (EN ISO 16000-3/6/9)	7,5 µg/m³ (A+)
Long term water absorption (EN ISO 16535:2019)	<2,0 %
Reaction to fire classification (EN 13501-1:2019 / EN ISO 11925-2)	E_{FL}
Reflected sound, RWS (EN 16205 / ISO 532:1975)	86 Sone

APPLICATIONS

Wet rooms	✓
Reg. housing	✓
Walls	✓
Existing floor	✓
In screed	✓

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PRODUCT OVERVIEW

25 WARRANTY

COATED BOARDS

DESCRIPTION	ITEM NO.	SIZE	THICKNESS	WEIGHT	QUANTITY	COVERAGE
Coated boards, XPS	40110040	600 x 1200 mm	4 mm		10 pcs	7,2 m²
Coated boards, XPS	40110060	600 x 1200 mm	6 mm		10 pcs	7,2 m²
Coated boards, XPS	40110100	600 x 1200 mm	10 mm		5 pcs	3,6 m²
Coated boards, XPS	40110200	600 x 1200 mm	20 mm		5 pcs	3,6 m²

ACCESSORIES

DESCRIPTION	ITEM NO.
Screw and washer set - length 25mm, 50 pcs	40110901
Reinforcement tape, 48mm x 90m	40110900
Wire mesh, 25 x25mm grid size	34000025
Wire mesh, 67 x 67mm grid size	34000070
Heating mat 3 mm	
Heating cable 3mm	
Heating cable 6 mm	

LINK TO OUR WEBSITE

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