DATA SHEET

25 WARRANTY

REFLECTOR 400 KPA

Insulation Board for Electrical Underfloor Heating

Reflector 400 kPa is a high-density XPS insulation board designed for electrical underfloor heating systems. It reduces downward heat loss, improves heating efficiency, and provides a strong, stable base for floating floor constructions.

SUPERIOR THERMAL INSULATION
Reduces downward heat loss, improving heating efficiency and enabling faster heat-up times.

HIGH COMPRESSIVE STRENGTH – 400 KPA
The high-density XPS provides excellent compressive strength, ensuring a stable base and reducing movement or deformation.

LOW INSTALLATION HEIGHT
At only 6 mm thickness, the board adds effective insulation while maintaining a low overall floor build-up.

MOISTURE RESISTANT
The closed-cell XPS structure provides low water absorption, maintaining reliable insulation performance in humid conditions.

HIGH DIMENSIONAL STABILITY
XPS provides a rigid and dimensionally stable base capable of accommodating loads from the heating system and finished floor.

IMPROVED ACOUSTIC COMFORT
The material can help reduce transmitted floor noise and walking noise.

EASY TO HANDLE AND INSTALL
The lightweight boards are easily adapted in size to fit the installation, cuts easily with a knife.



CE

TECHNICAL DATA

Thickness (EN823:2013)	6mm
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 (EN12667:2001)	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 (EN13501-1:2019 / EN ISO 11925-2)	E_{FL}
Dynamic Load, DL_{25} (EN 13793:2003)	> 250.000
Reflected sound, RWS (EN 16205 / ISO 532:1975)	86 Sone
Punctual conformability, PC (EN ISO 868:2003)	5,4

APPLICATIONS

Wet rooms	✓
Reg. housing	✓
Existing floor	✓
Concrete	✓
Screed	✓
Heating foil	✓

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PRODUCT OVERVIEW

25 WARRANTY

REFLECTOR 400 KPA

DESCRIPTION	ITEM NO.	SIZE	THICKNESS	COLOUR	WEIGHT	QUANTITY	COVERAGE
Reflector 400KPa	40104060	600 x 1200 mm	6 mm	orange		10 pcs	7,2 m²

LINK TO OUR WEBSITE

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