

LANA DI VETRO K34

Technical Sheet - Issue 02/2022



Glass wool insulation panel suitable for external thermal insulation systems.

Suitable for the TERMOK8 MINERALE L.R. system. INSULATION PANEL WITH EPD (environmental product declaration).

DESCRIPTION

Thermal and acoustic insulation panel made of mineral glass wool (MW), ETICS certified in compliance with EAD 040083-00-0404 guidelines (formerly ETAG 004) and standard UNI EN 13500:2005. It has a "Certificate of Conformity" in accordance with UNI EN 13162. Produced in Italy with at least 80% recycled glass and a next-generation thermosetting resin that combines organic and plant-based components, minimising emissions of pollutants such as formaldehyde and other volatile organic compounds (VOC) into the air. It also has an EUCEB certificate guaranteeing its biosolubility and compliance with Note "Q" as per Regulation (EC) no. 1272/2008 and subsequent updates. Coating free.

MAIN PROPERTIES

- THERMAL AND ACOUSTIC INSULATION
- VAPOUR PERMEABILITY
- EXCELLENT FIRE BEHAVIOUR
- GREEN BUILDING
- DIMENSIONAL STABILITY

SIZE AND THICKNESS

Useful size: 120 cm x 60 cm

Available thicknesses: 6, 8, 10, 12, 14, 16, 18, 20 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity	λ_D	0.034 W/mK	EN 13162 - EN 12667
Reaction to fire	EUROCLASS	A2, s1, d0	EN 13501-1
Resistance to vapour diffusion	μ	1	EN 12086
Specific heat	C_p	1030 J/kgK	UNI EN ISO 10456
Short-term water absorption	WS	$\leq 1 \text{ kg/m}^2$	EN 29767
Thickness tolerances	T5	(-1% or 1 mm)	EN 823
Compressive strength with 10% compression	CS(10)	> 15 kPa	EN 826
Tensile strength perpendicular to the surface	TR	> 7.5 kPa	EN 1607
Rated density	ρ	55 kg/m ³	EN 1602

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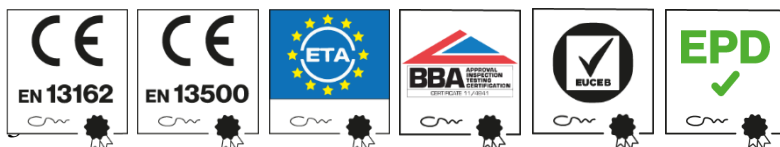
STORAGE PROCEDURE

The product should be stored indoors, in well-ventilated areas, and away from direct sources of heat.

OTHER CHARACTERISTICS

To facilitate installation and correct orientation, each panel is marked on one surface to identify the side on which a thin plaster is to be applied.

CERTIFICATIONS/CLASSIFICATIONS



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