



Mineral insulation panel suitable for external thermal insulation systems. It contains autoclaved calcium silicate hydrates. Suitable for the TERMOK8 MINERALE ECO system.

DESCRIPTION

Solid, mineral, monolithic, thermal insulation panel made of calcium silicate hydrates, lime, sand, cement, water and an aerating agent (porosity > 95% by volume). ETA 05/0093-certified according to EAD 040012-00-1201. This product is bio-architecturally and microbiologically harmless, inhibits the growth of mould and micro-organisms, and is fully recyclable.

MAIN PROPERTIES

- THERMAL INSULATION
- SOUND ABSORPTION
- VAPOUR PERMEABILITY
- EXCELLENT FIRE BEHAVIOUR
- GREEN BUILDING
- HIGH IMPACT RESISTANCE

SIZE AND THICKNESS

Useful size: 60 cm x 39 cm - Available thicknesses: 6, 8, 10, 12, 14 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity	λ_D	0.045 W/mK	EN 12667
Reaction to fire	EUROCLASS	A1	EN 13501-1
Resistance to vapour diffusion	μ	3	EN 12086
Specific heat	C_p	1300 J/kgK	EN 10456
Compressive stress at 10% deformation	CS(10/Y)	≥ 300 kPa	EN 826
Tensile strength perpendicular to the surface	TR	≥ 80 kPa	EN 1607
Water absorption due to full immersion, long term	WL(T)	≤ 3.0 Kg/m ²	EN 16535
Water absorption due to partial immersion, short term	WS(P)	≤ 2.0 Kg/m ²	EN 29767

STORAGE PROCEDURE

Store the product in a covered area protected from rainfall.

CERTIFICATIONS/CLASSIFICATIONS



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This Technical Information Sheet is compiled to the best of our technical/scientific knowledge; however, it does not imply any liability on our part, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.