Fawori TR 7.5 Stonewool

DESCRIPTION

Fawori Stone Wool TR7.5 Thermal Insulation Board is an inorganic thermal insulation board produced by melting volcanic rocks such as basalt and dolomite in high-temperature crucibles and turning them into fiber fibers.

CE

FEATURES

- Offers **superior thermal insulation** with its **ideal thermal conductivity coefficient** (λ_D = 0.037 W/mK).
- Provides **perfect sound insulation** with its exclusive fiber structure.
- Used safely in all facade systems in line with the regulations with its **class A1 reaction to fire**.
- Enables **lighter, easier and faster application** with its ideal density and plate dimensions.
- Ensures **high energy saving throughout the building life cycle** with its ideal plate thickness and **mechanical resistance in line with the standards**.
- **Ecological and environmentally-friendly** with its **world-class production technology** and **natural raw material content**. Does not dust.

- Produced in line with the TS EN 13162 Stone wool Product and TS EN 13500 Stone wool System standards.

STORAGE

Store on pallets at a cool and ventilated environment away from direct sunlight and substances like solvents and thinners. Protect against precipitation.

Warning: Abstain from applying plaster on stone wool plates exposed to precipitation, before they are fully dry.

TECHNICAL SPECIFICATIONS	Description	UNIT	CLASS	STANDARD
Material	**Stonewool**			**TS EN 13162**
Material Type	**ETICS Stonewool**			**prEN 17237**
Density		kg/m³		TS EN 1602
Fire Response Class	Declared value		A1	TS EN 13501-1
Width	600	mm		TS EN 822
Length	1000	mm		TS EN 822
Thickness (d)	30*, 40*, 50, 60, 80, 100, 120, 140, 160, 180, 200	mm	T5	TS EN 823
Thermal Conductivity Coefficient (λ_D)	0.037	W/mK		TS EN 12667
Thermal Resistance (R_D)	d / λ_D	m^2K/W		
Tensile Strength Perpendicular to Faces	≥7.5	kPa	TR7,5	TE EN 1607
Compressive Strength at 10% Deformation	≥30	kPa	CS(10)30	EN 826
Length Tolerance	± 2%	mm	L2	TS EN 822
Width Tolerance	± 1.5%	mm	W2	TS EN 822
Dimensional Stability	± 1%		DS(t)	TS EN 1604
Water Vapor Absorption (short term - 24 hours)	<1	kg/m^2	WS	TS EN 1609
Water Vapor Diffusion Resistance Coefficient	1	μ		TS EN 12086
Temperature Range	(-50) / 750	°C		

*: Compressive strength at 10% deformation and tensile strength perpendicular to surfaces may differ from other thicknesses.

This product is manufactured by Betek A.Ş.,with certificate of conformity to the standards TS EN ISO 9001, TS EN ISO 14001, TS 18001, TS EN ISO 50001, TS ISO 10002, TS ISO/IEC 27001.

* Please contact our technical support for details that are not provided above, since this technical sheet is based on general conditions. Otherwise, the manufacturer may not be held responsible for any missing information. Our company reserves the right to change the information provided. Where necessary, please refer to the Material Safety Data Sheets for more information on health, safety and handling risks, and precautions associated with the products.