Fawori T150 Stonewool

DESCRIPTION

Fawori T50 Stone Wool Terrace Roof Board, produced by melting volcanic rocks such as basalt and dolomite in high-temperature crucibles and turning them into fiber fibers, is an inorganic board developed for terraces and roofs.

FEATURES

- Offers **high thermal resistance** with its thermal conductivity coefficient (λ = 0.037 W/mK).
- Has **compressive strength** against loads that may overload
- Used safely on terraces and roofs with its **Fire Endurance**.

Has **high level of water repelling** and **low water absorption value.**

- Has a **high sound absorption value** especially against external effects.
- Provides **a comfortable environment** with **its breathability**.
- Manufactured with **full size stability** with **cutting-edge technology.**

Produced in accordance with the TS EN 13162 Stone wool Product 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 on stone wool plates exposed to precipitation, before they are fully dry.

Technical Specifications	Value	Unit	Standard
Thermal Conductivity Coefficient	0.037	λ_D (W/m.K)	TS EN 12667
Thermal Resistance	1.08-5.41	R (m^2.K/W)	TS EN 13162
Sound Absorption Rating	1.00	α_w	TS EN ISO 11654
Water Vapor Diffusion Resistance	1	μ	TS EN 12086
*Compressive Strength (At 10% Deformation)	≥ 40	kPa	TS EN 826
Fire Response Class	A1 (Fireproof)		EN 13501-1
Thickness Tolerance	T5(-1,+3)	mm	EN 823
Length Tolerance	± %2	mm	EN 822
Width Tolerance	± %1.5	mm	EN 822
Short Term Water Absorption (Wp)	< 1	kg/m^2	EN 1609
Long Term Water Absorption (Wlp)	< 3	kg/m^2	EN 12037
Packaging Materials	PE Film	-	-

Thickness (cm)	Product Sizes cm (width x length)	Thermal Conductivity Coefficient λ_D (W/m.K)	Thermal Resistance R (m^2.K/W)
4	**60 x 100**	**0.037**	1.08
5			1.35
6			1.62
7			1.89
8			2.16
9			2.43
10			2.70
12			3.24
14			3.78
16			4.32
18			4.86
20			5.41

WARNINGS!

- Products should be stored in packages.
- Pallets should not be stacked on top of each other.
- The product should not be stepped on.
- Storage areas should be sheltered.