

Product Name:		STONE WOOL ROOF MATTRESS			
TECHNICAL CHARACTERISTICS	SYMBOL	UNIT	TOLERANCES	TS EN 13162	TECHNICAL METHOD TS EN 14303
Density	d	kg/m ³	(+,-)% 10	40	TS EN 1602
Length	l	mm	(+,-) %2	3000	TS EN 822
Width	b	mm	(+,-) %1,5	1200	TS EN 822
Determination of Dimensional Stability	DS (T+)	mm	%	<1	TS EN 1604
Thickness	d _N	mm	(- 5, +)	140	TS EN 823
Thermal Conductivity					
Average Thermal Conductivity Value (50 C ⁰)	λ _{ort}	W/mK	50 C ⁰	0,038	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (100 C ⁰)	λ _{ort}	W/mK	100 C ⁰	0,049	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (150 C ⁰)	λ _{ort}	W/mK	150 C ⁰	0,058	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (200 C ⁰)	λ _{ort}	W/mK	200 C ⁰	0,068	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (250 C ⁰)	λ _{ort}	W/mK	250 C ⁰	0,083	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (300 C ⁰)	λ _{ort}	W/mK	300 C ⁰	0,097	TS EN 12667- EN ISO8497
Average Thermal Conductivity Value (350 C ⁰)	λ _{ort}	W/mK	350 C ⁰	0,115	TS EN 12667- EN ISO8497
Reaction to fire	Euroclass			A1	TS EN 13501-1
Max. Usage Temperature				Max. 760	
Melting Point		°C		Max. 1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ		1	1	TS EN 12086
Short Term Water Absorption	W _P	kg/m ²	< 1	< 1	TS EN 1609
Long Term Water Absorption	W _{LP}	kg/m ²	< 3	< 3	TS EN 12087
Corrosive metarial content	mg/kg			clorür:20 / pH:10	EN13468
Air flow resistance	NPD				EN29053
Certificates	CE (SERT.NO:1020-CPD-010028090) ,ISO 9001,ISO 14001,ISO 18001,ISO 50001				
Product Key	MW-TS EN 13162-T5-DS(T+)				
Facing	No facing				
STORAGE					
*Care should be taken to avoid rain and water.					
*It should be stored indoors and away from moisture.					
*To avoid the deformation of packages, one person should not carry it.					
*During transportation, products should be covered with tarpaulin.					
*They should be arranged horizontally.					
*Proper stacking should be done in order not to break the corners of the packages.					
*Packages should not be exited.					
All experiments have been carried out by TEKNOVASYON laboratory which is accredited by TÜRKAK.					