

Product Name:	<b>STONE WOOL BOARD</b>
Standard:	TS EN 13162+A1 <i>Thermal insulation products for buildings - Factory made mineral wool (MW) products</i>
Description:	<i>Mineral wool - Thermal insulation material formed by melting of basalt stone at 1350°C-1400°C into fiber -For thermal, sound and fire insulation</i>
Areas of Usage:	<i>Used for thermal, sound and fire insulation for partition walls.</i>

PROPERTIES	SYMBOL	UNIT	TOLERANCES	VALUE	STANDARD
Material	MW				TS EN 13162
Density	d	kg/m <sup>3</sup>	(+,-)% 10	50	TS EN 1602
Length	l	mm	(+,-) %2	1200	TS EN 822
Width	b	mm	(+,-) %1,5	600	TS EN 822
Determination of Squareness	Sb	mm	Max 5mm	2 mm	TS EN 824
Determination of Flatness	S <sub>max.</sub>	mm	Max 3mm	1,8 mm	TS EN 825
Determination of Dimensional Stability	DS (T+)	mm	%	<1	TS EN 1604
Thickness	d <sub>N</sub>	mm	(- 1, +3 )	120	TS EN 823
Declared Thermal Conductivity (10 °C)	λ <sub>ort</sub>	W/mK		max. 0,035	TS EN 12667
Reaction to fire				A1	TS EN 13501-1
Thermal Resistance	RD	m <sup>2</sup> K/W		3,43	TS EN 13162
Max. Operating Temperature		°C		760	
Melting point		°C		>1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ		1	1	TS EN 12086
Short Term Water Absorption	W <sub>P</sub>	kg/m <sup>2</sup>	< 1	< 1	TS EN 1609
Long Term Water Absorption	W <sub>lP</sub>	kg/m <sup>2</sup>	< 3	< 3	TS EN 12087
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	Black/yellow glass tissue, aluminum foil, craft facing				

### STORAGE

*Product packages should be placed on at least one pallet which should not be in direct contact with the ground at storage area.*

*Product packages should be protected from water, moisture and sunlight in the storage area.*

*Appropriate work safety clothing and equipment must be used to protect the skin, eye and upper respiratory system during transport.*

*Products must be covered with a tarpaulin when shipped.*

*Do not leave any material on the products in such a way as to damage the package and the product.*

*Palletized products should not be stacked and stored on top of each other.*

*The opened packages must not be disposed of and must be disposed of in accordance with the regulations.*

*All experiments have been carried out by TEKNOVASYON laboratory which is accredited by TÜRKAK.*