

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	130	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
Compressive Strength (%10 deformation)	CS(10/Y)	kPa		≥45	TS EN 826
Tensile Strength	Σt	kPa		≥15	TS EN 1607
Thickness	d <sub>N</sub>	mm	(- 1, +3 )	90	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		2,57	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>IP</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.