

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
<i>Material</i>	MW				TS EN 13162
<i>Density</i>	d	kg/m <sup>3</sup>	(+,-)% 10	40	TS EN 1602
<i>Length</i>	l	mm	(+,-) %2	1200	TS EN 822
<i>Width</i>	b	mm	(+,-) %1,5	600	TS EN 822
<i>Determination of Squareness</i>	Sb	mm	Max 5mm	2 mm	TS EN 824
<i>Determination of Flatness</i>	S <sub>max.</sub>	mm	Max 3mm	1,8 mm	TS EN 825
<i>Determination of Dimensional Stability</i>	DS (T+)	mm	%	<1	TS EN 1604
<i>Thickness</i>	d <sub>N</sub>	mm	(- 1, +3 )	150	TS EN 823
<i>Declared Thermal Conductivity (10 °C)</i>	λ <sub>ort</sub>	W/mK		max. 0,035	TS EN 12667
<i>Reaction to fire</i>				A1	TS EN 13501-1
<i>Thermal Resistance</i>	RD	m <sup>2</sup> K/W		4,29	TS EN 13162
<i>Max. Operating Temperature</i>		°C		760	
<i>Melting point</i>		°C		>1000	DIN 4102
<i>Water Vapor Diffusion Resistance Coefficient</i>	μ		1	1	TS EN 12086
<i>Short Term Water Absorption</i>	W <sub>P</sub>	kg/m <sup>2</sup>	< 1	< 1	TS EN 1609
<i>Long Term Water Absorption</i>	W <sub>lP</sub>	kg/m <sup>2</sup>	< 3	< 3	TS EN 12087
<i>Certificates</i>	CE ( SERT.NO:1020-CPD-010028090 ) ,ISO 9001,ISO 14001,ISO 18001,ISO 50001				
<i>Product Key</i>	MW-TS EN 13162-T5-DS(T+)				
<i>Facing</i>	<i>Black/yellow glass tissue, aluminum foil, craft facing</i>				

### 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.*