

<b>STONE WOOL BOARD</b>					
<b>Product Name:</b>	<b>AKDAG MINERAL WOOL 100</b>				
<b>Standard:</b>	<i>Thermal insulation products for buildings - Factory made mineral wool (MW) products</i>				
<b>Description:</b>	<i>Mineral wool - Thermal insulation material formed by melting of basalt stone at 1400°C-1450°C into fiber -For thermal, sound and fire insulation</i>				
<b>Areas of Usage:</b>	<i>Used for thermal, sound and fire insulation for external walls.</i>				
PROPERTIES	SYMBOL	UNIT	TOLERANCES	VALUE	STANDARD
<i>Material</i>	MW				EN 13162
<i>Density</i>	d	kg/m <sup>3</sup>	(+,-)% 10	100	EN 1602
<i>Length</i>	l	mm	(+,-) %2	1200	EN 822
<i>Width</i>	b	mm	(+,-) %1,5	600	EN 822
<i>Squareness</i>	Sb	mm/m		S5 - max 5 mm/m	EN 824
<i>Determination of Flatness</i>	Smax	mm		S6 - max 6 mm	EN 825
<i>Determination of Dimensional Stability</i>	DS (70-)	%		max 1	EN 1604
<i>Compressive Strength (%10 deformation)</i>	CS(10/Y)i	kPa		≥30	EN 826
<i>Tensile Strength</i>	TR	Kpa		≥10	EN 1607
<i>Thickness</i>	dn	mm	-%3 or -3 mm * +%5 or +5mm*	100	EN 823
<i>Thermal Conductivity (10 °C)</i>	λ <sub>D</sub>	W/mK		max. 0,035	EN 12667
<i>Reaction to fire</i>				A1	EN 13501-1
<i>Thermal Resistance</i>	RD	m <sup>2</sup> K/W		2.78	EN 13162
<i>Max. Operating Temperature</i>		°C		750	
<i>Water Vapor Diffusion Resistance Coefficient</i>	μ			1	EN 12086
<i>Short Term Water Absorption</i>	W <sub>P</sub>	kg/m <sup>2</sup>		≤1	EN 1609
<i>Long Term Water Absorption</i>	W <sub>LP</sub>	kg/m <sup>2</sup>		≤3	EN 12087
<b>Certificates</b>	CE,EUCEB,ISO 9001,ISO 14001,ISO 45001,ZEROWASTE				
<b>Product Key</b>	<b>MW-TSEN13162-T4-DS (70,-)-WS 1-WL(P)3- CS(10)30-TR7,5-MU1</b>				
<b>STORAGE</b>					
<i>Product packages should be protected from water, moisture and sunlight in the storage area.</i>					
<i>Appropriate work safety clothing and equipment must be used to protect the skin, eye and upper respiratory system during transport.</i>					
<i>Products must be covered with a tarpaulin when shipped.</i>					
<i>Do not leave any material on the products in such a way as to damage the package and the product.</i>					
<i>Palletized products should not be stacked and stored on top of each other.</i>					
<i>The opened packages must not be disposed of and must be disposed of in accordance with the regulations.</i>					

Akdağ MINERAL TASYONU

