



RAVATHERM™ ETICS PRO 20

**My
Choice**
ETICS
PRO 20 BOARD

Ravatherm Etics Pro 20 Boards are non-combustible with a melting point more than 1000 °C. They are particularly suitable for thermal insulation, fire protection and sound reduction or absorption.

Ravatherm Etics Pro 20 Boards are manufactured in wide variety of thicknesses and suitable for general application in residential, commercial and industrial buildings.



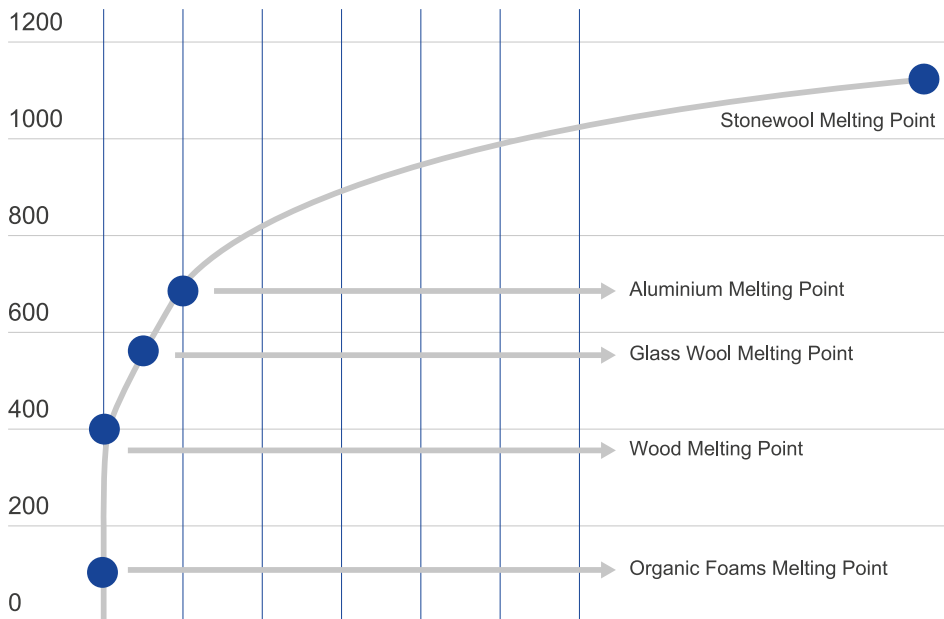
RAVATHERM™
STONE WOOL

TECHNICAL SPECIFICATIONS

- It is an ecological and eco-friendly product produced from natural raw material.
- Bacteria and microorganisms cannot live inside because of its inorganic structure.
- Using stonewool reduces the needs of fossil fuels. Therefore it alleviates global warming and climate change because the usage of stonewool reduces the carbon dioxide emission.
- Thanks to its strong and everlasting structure to 1000°C Stonewool ensures fire protection which is critically important in life.
- Stonewool ensures a comfortable ambience because it performs acoustic insulation against negative external factors like sound, noise, etc.

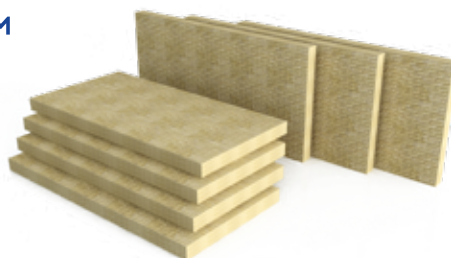


Temperature °C





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TECHNICAL DATA SHEET

Product Name:	STONE WOOL BOARD
Standard:	Thermal insulation products for buildings - Factory made mineral wool (MW) products
Description:	Mineral wool - Thermal insulation material formed by melting of basalt stone at 1350°C-1400°C into fiber -For thermal, sound and fire insulation
Areas of Usage:	Used for thermal, sound and fire insulation for external walls

PROPERTIES	SYMBOL	UNIT	TOLERANCES	VALUE	STANDARD
Material	MW				TS EN 13162
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	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		≥20	TS EN 826
Tensile Strength	Σt	KPa		≥7,5	TS EN 1607
Thickness	dN	mm	(- 1, +3)	30 40 50 60 70 80 90 100	TS EN 823
Declared Thermal Conductivity (10 °C)	λort	W/mK		0,035	TS EN 12667
Reaction to fire				A1	TS EN 13501-1
Thermal Resistance	RD	m²K/W		0,86 1,14 1,43 1,71 2 2,28 2,57 2,86	TS EN 13162
Max. Operating Temperature				760	
Melting point		°C		>1000	DIN 4102
Water Vapor Diffusion Resistance Coefficient	μ	°C	1	1	TS EN 12086
Short Term Water Absorption	W _p	kg/m²	< 1	< 1	TS EN 1609
Long Term Water Absorption	W _{IP}	kg/m²	< 3	< 3	TS EN 12087
Certificates	CE (SERT.NO:1020-CPR-010044997) ,ISO 9001,ISO 14001,ISO 45001 ,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.



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2550* mm - 2650* mm
Change according to product detail

Thickness (mm)	Sizes (mm)	Board/Pack	m ² /Pack	Pack/Pallet	m ² /Pallet	Pack/Truck	Pallet/1200x1200	m ² /Truck
30	600x1200	8	5,76	20	115,2	440	22	2.534,40
40		5	3,6	24	86,4	528	22	1.900,80
50		4	2,88	24	69,12	528	22	1.520,64
60		4	2,88	20	57,6	440	22	1.267,20
70		3	2,16	24	51,84	528	22	1.140,48
80		3	2,16	20	43,2	440	22	950,4
90		3	2,16	18	38,88	396	22	855,36
100		2	1,44	24	34,56	528	22	760,32



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