Stone Wool Rock VENT



Description:

Rock VENT (600x1200mm) stone wool board is a natural inorganic fibrous product that is industrially produced from molten rock spun into fibers, in accordance with European Standard EN 13162 (Thermal insulation products for buildings - Factory made mineral wool (MW) products).

Standard Classification:

In compliance with **EN 13162:2012 + A1:2015**
Specification Code: **MW-EN 13162-T4-WS-WL(P)-MU1-AW1-AFr15**

CE

Advantages:

- ✓ Excellent thermal insulation
- ✓ Non-combustible material with excellent fire resistance
- ✓ Excellent sound absorption and sound reduction
- ✓ Open hive structure material with very low water vapor diffusion resistance that enhances the building element's breathability
- ✓ Excellent dimensional stability and durability
- ✓ Water repellent and non-hygroscopic
- ✓ Easy to handle, cut and install
- ✓ Natural, inorganic, odorless, chemically inert (practically neutral PH)
- ✓ Recyclable, friendly to the environment and to the end user

Applications



Boards designed for thermal insulation, fire resistance and sound insulation applications in Technogips Pro system solytions for dry construction:

- ✓ Partition walls
- ✓ Wall linings
- ✓ Shaft walls
- ✓ Suspended ceilings
- ✓ Facade solutions

In case the product is used in systems that separate accommodations with a difference in the temperature, applying a vapor barrier on the side with the higher temperature is recommended.

Packaging and Storage:

- ✓ Rock VENT products should be stored indoors. If stored outdoors, they must be protected from impregnation. Handling, loading and unloading of the products should be carried out with care to avoid damage to both the packaging and the board's edges.

Thickness [mm]	Width [mm]	Length [mm]	Boards per package [pcs.]	Quantity per package [m^2]	Packages per pallet [pcs.]	Quantity per pallet [m^2]
50	600	1200	8	5,76	12	69,12
80	600	1200	5	3,60	12	43,20
100	600	1200	4	2,88	12	34,56
120	600	1200	2	1,44	18	25,92
160	600	1200	2	1,44	14	20,16

Technical Data:

Technical Characteristics	Symbol EN 13162	Unit	Value
Declared thermal conductivity at 10°C	λ_D	W/mK	0,034
Nominal thickness	d_N	mm	50 - 160
Fire classification	-	Class	A1
Melting temperature	-	°C	> 1000
Specific heat capacity	C	kJ/kgK	1,03
Thickness tolerance	T	Class	T4
Short term water absorption for 24 hours	WS	kg/m^2	< 1
Long term water absorption for 28 days	WL(P)	kg/m^2	< 3
Water vapor diffusion resistance factor, μ	MU	-	1
Air flow resistivity	AFr	kPa s/m^2	> 15
Weighted sound absorption coefficient on boards with thickness 50mm, aw	AW NRC	-	1,00 Class A 0,95

Table A

Thickness	d_N [mm]	50	80	100	120	160
Thermal resistance R	Rd [m^{2}K/W]	1,45	2,35	2,90	3,50	4,70

Safety recommendations:

- ✓ Product not classified as hazardous.
- ✓ The use of safety gloves, safety mask and safety goggles are strongly advisable when working with this product, in prevention from possible temporary itching after contact with the skin.

Additional Information:

Technogips Pro provides a wide range of construction products for various applications divided into the following product categories:

- ✓ Drywall System Solutions
- ✓ Lightweight Facade Systems
- ✓ Systems for fire protection and sound insulation
- ✓ Gypsum-based plasters and finishes

Technogips Pro also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals and technical support both in contractors and consultants offices as well as construction sites. For further information on these products and systems kindly check our website or contact your local Technogips Pro representative.

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