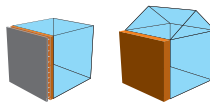




Technical Data Sheet May 2016

NaturBoard VENTI



Insulation slab for sandwich walls and ventilated facades

Product description

NaturBoard VENTI is a compact rock mineral wool slab of stable density, belongs to the group of semi-hard products. The product is non-combustible, resistant to high temperatures, water-repellent, resistant to aging and chemically neutral.

Dimensions and packaging

Thickness (mm)	Width (mm)	Length (mm)	pcs / package	m ² / package	m ³ / package
30	600	1000	18	10,8	0,32
40	600	1000	15	9,0	0,36
50	600	1000	12	7,2	0,36
60	600	1000	9	5,4	0,32
70	600	1000	8	4,8	0,34
80	600	1000	6	3,6	0,29
90	600	1000	6	3,6	0,32
100	600	1000	6	3,6	0,36
120	600	1000	5	3,0	0,36
150	600	1000	4	2,4	0,36
200	600	1000	3	1,8	0,36

Basic Properties

Thermal conductivity

Low value of thermal conductivity
 $\lambda_0=0.035$ W/mK

Reaction to fire

Non-combustible material A1

Sound insulation

Excellent sound absorption due to dense fibre structure.

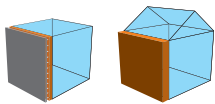
Advantages

- Stable and compact material
- Water repellent and vapour permeable
- Increased safety in case of fire
- Resistance to aging
- The material meets health, safety and environmental requirements

NaturBoard VENTI

Technical characteristics

Characteristics	Symbol	Value
Dedared coefficient of thermal conductivity λ_0	W/mk	0,035
Reaction to fire	-	A1 - non-combustible material
Air flow resistance r	kPa·s/m ³	>5
Diffusion resistance factor μ	-	>1



Application

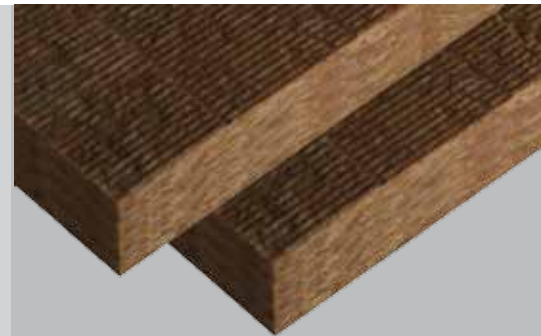
The product is intended for thermal and sound insulation, as well as for fire protection of sandwich walls and ventilated facades of height up to 12m. It is placed on the wall between profiles for ventilated facades, and mechanically fastened with PVC anchors (5-8 pcs/m²) with steel screw. Can also be used in various types of sandwich walls.

Mineral Wool with ECOSE® Technology

Since January 2016, NaturBoard family of Rock Mineral Wool products is produced with ECOSE® Technology - innovative binder technology with no added formaldehyde, based on rapidly renewable materials from nature instead of oil based chemicals.

Packaging

The product NaturBoard VENTI is delivered in PE heat-shrinking foil. The products must be stored indoors or under roof. In exceptional situations, the packages stored outdoors should be protected by watertight foil. The packages must not be placed directly on the ground.



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