

KNAUFINSULATION

NaturBoard VENTI

Build on us.



Product description

Insulation slab for drywalls, sandwich walls and ventilated facades

NaturBoard VENTI is a compact rock mineral wool slab of stable density and 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.

Applications



NaturBoard VENTI

Technical characteristics

Declared coefficient of thermal conductivity λ_D	0.035 W/mK
Reaction to fire	A1 - non-combustible material
Thickness tolerance	T5
Air flow resistance AFR	>5 kPa·s/m ²
Short term water absorption W_s	≤1 kg/m ²
Long term water absorption W_{lp}	≤3 kg/m ²
Declaration of Performance - DoP	www.dopki.com/R4224LPCPR
DESIGNATION CODE: MW - EN 13162 - T5 - WS - WL(P) - AFR5	

Benefits

- Non-combustible material A1
- Excellent sound absorption
- Stable and compact material
- Water repellent and vapour permeable
- Increased safety in case of fire
- Excellent sustainability credentials
- Ideal for LEED, WELL, BREEAM, DGNB projects

Dimensions and packaging

Thickness (mm)	Width (mm)	Length (mm)	pcs / packaging	m2 / packaging	packages / pallet	m2 / pallet	R Thermal resistance (m2K/W)
30	1000	600	18	10,80	16	172,80	0,85
40	1000	600	15	9,00	16	144,00	1,10
50	1000	600	12	7,20	16	115,20	1,40
70	1000	600	8	4,80	16	76,80	2,00
80	1000	600	6	3,60	20	72,00	2,25
100	1000	600	6	3,60	16	57,60	2,85
120	1000	600	5	3,00	16	48,00	3,40

Certification, accreditations and industry standards



Application

The product is intended for thermal and sound insulation, as well as for fire protection of sandwich walls and ventilated facades of a height up to 12m. It can be installed on various substrates, where it is mechanically fastened with suitable anchors (5-8 pcs/m²). Can also be used in various types of drywall systems.

Packaging

The product NaturBoard VENTI is delivered in PE heat-shrinking foil. The products must be stored in a dry place, 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.

Quality

NaturBoard VENTI is certified to comply with standard EN 13162 as well as with the EUCB certificate which ensures that the product is biosoluble and not dangerous for health in accordance with European Directive 97\69\EC. Due to ECOSE Technology naturally based binder, it also possesses Eurofins Indoor Air Comfort Gold Certificate, regarding indoor Environmental Quality and Low-Emitting Materials.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

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