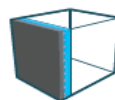


*NaturBoard VENTACUSTO GVB (or GVN)

April 2023



APPLICATIONS



PRODUCT DESCRIPTION

Rock Mineral Wool with ECOSE Technology, insulation slabs for Ventilated Facade.

The product is non-combustible, high temperature resistant, water repellent, resistant on aging and chemically neutral. It is laminated in black (or white) glass veil whose purpose is protection from mechanical damage, protection from rainwater, insulation cooling protection, shedding protection due to air flow and improving compactness of the slabs.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.034 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
Melting point	> 1000 °C
Declaration of Performance - DoP	www.dopki.com/R4224MPCPR
DESIGNATION CODE: MW - EN 13162 - T5 - WS - WL(P) - AFR5	

BENEFITS

- Excellent thermal insulation properties
- Excellent sound absorption
- Stable and compact material
- Water repellent and vapour permeable
- Increased safety in case of fire
- The material meets health, safety and environmental requirements
- Excellent sustainability credentials
- Ideal for LEED, WELL, BREEAM, DGNB projects

DIMENSIONS AND PACKAGING

Thickness (mm)	Width (mm)	Length (mm)	pcs / packaging	m ² / packaging	packages / pallet	m ² / pallet	R Thermal resistance (m ² K/W)	
40	600	1000	8	4,80	24	115,20	1,15	**
50	600	1000	8	4,80	24	115,20	1,45	
60	600	1000	6	3,60	24	86,40	1,75	**
70	600	1000	6	3,60	24	86,40	2,05	**
80	600	1000	4	2,40	32	76,80	2,35	**
100	600	1000	3	1,80	36	64,80	2,90	
120	600	1000	3	1,80	28	50,40	3,50	**
180	600	1000	2	1,2	14	16,80	5,25	

*In some countries the product is marketed by the name Smart Acoustik 7 (GVB)

**Contact our sales department for further info regarding MOQ restrictions

CERTIFICATES



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ADDITIONAL INFORMATION

Application

Rock Mineral Wool with ECOSE Technology Insulation panels, intended for thermal, sound and fire protection of ventilated facades with increased fire protection requirements. On the wall they are placed between the Ventilated facade profiles and mechanically fastened with metal fasteners (5-8 pcs / m²) without gluing needs. They can also be used for various types of "sandwich" facades.

Packaging

The product NaturBoard VENTACUSTO GVB (GVN) 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 VENTACUSTO GVB (GVN) 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.

****In some countries the product is marketed by the name Smart Acoustik 7 (GVB)***



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 glass and rock 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 colors.

Knauf Insulation SA

10 Evripidou str.

176 74 Kallithea

Greece

sales.gr@knaufinsulation.com

Tel.: +30 211 710 7007

Fax.: +30 211 740 9480