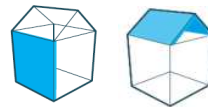




APPLICATIONS



PRODUCT DESCRIPTION

High thermal performance Insulation boards of Mineral Wool with ECOSE® Technology. Naturboard 032 is a semi-rigid, self-supporting Mineral Wool board offering very high thermal performance in external wall and pitched roof applications.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.032 W/mK
Reaction to fire	A1 - non-combustible material
Thickness tolerance	T4
Short term water absorption W_p	$\leq 1 \text{ kg/m}^2$
Long term water absorption W_{lp}	$\leq 3 \text{ kg/m}^2$
Declaration of Performance - DoP	www.dopki.com/G4222OPCPR
DESIGNATION CODE: MW-EN-13162-T4-WS-WL(P)	

BENEFITS

- Very high thermal performance
- Excellent reaction to fire - Euroclass A1, non-combustible
- High sound absorption
- Very good mechanical properties
- Minimum space requirements
- Simple and easy handling
- 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)
50	1250	600	10	7,50	20	150.00	1.55
85	1250	600	6	4.5	20	90.00	2.65
100	1250	600	5	3.75	20	75.00	3.10

CERTIFICATES



ADDITIONAL INFORMATION

Application

The product is intended for thermal and sound insulation, as well as for fire protection of pitched roofs and external walls, including dry wall systems with gypsum and/or cement boards. Naturboard 032 can also be used in various types of sandwich walls and is ideal for ventilated façade systems. Its water repellent and flexible nature allows a continuous insulation application and provides maximum insulation performance. Its significantly low thermal conductivity coefficient (λ) makes it an ideal solution in cases where optimal thermal performance is required.

Packaging

The product Naturboard 032 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 032 is certified to comply with standard EN 13162 as well as with the EUCEB 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. It is also officially certified by the DECLARE label, indicating that it is independently analyzed in forensic detail to ensure it does not contain any harmful or unhealthy chemical ingredients included on the International Living Future Institute's Red List.



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 colours.

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Certificate of Constancy of Performance

No. 1020 - CPR - 020036600