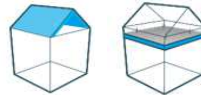




APPLICATIONS



PRODUCT DESCRIPTION

Insulation rolls of Mineral Wool with ECOSE® Technology for pitched roofs.

Unifit 035 is a self-supporting mineral wool roll providing thermal insulation, sound insulation and fire protection for pitched roof and ceiling applications.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.035 W/mK
Reaction to fire*	A1 - non-combustible material
Thickness tolerance	T2
Air flow resistance AFR	>5 kPa·s/m ²
Declaration of Performance - DoP	www.dopki.com/G4222LPCPR

DESIGNATION CODE: MW-EN 13162-T2-AFr5

BENEFITS

- Very good thermal insulation properties
- Non-combustible reaction to fire - Euroclass A
- High noise absorption capacity
- Simple and easy handling
- Benefits resulting from ECOSE® Technology: softer feel, less dusty, odourless, easy to cut
- 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	10100	1200	1	12.12	24	290.88	1.40
60	8000	1200	1	9.60	24	230.40	1.70
80	6000	1200	1	7.20	24	172.80	2.25
100	5000	1200	1	6.00	24	144.00	2.85
120	4300	1200	1	5.16	24	123.84	3.40
140	3700	1200	1	4.44	24	106.56	4.00
150	3400	1200	1	4.08	24	97.92	4.25
200	2600	1200	1	3.12	24	74.88	5.70

CERTIFICATES



Declare.

ADDITIONAL INFORMATION

Application

UNIFIT 035 with ECOSE® Technology offers a high level of efficiency in terms of thermal insulation as well as noise and fire protection. It is intended for application in pitched roofs where it is usually placed on between the rafters as a first insulating layer and additionally within a suspended ceiling element as a second layer.

Packaging

The product UNIFIT 035 is delivered in PE heat-shrinking foil. 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

UNIFIT 035 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. 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