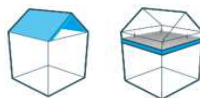


UNIFIT 035 / EARTHWOOL 035

March 2021



APPLICATIONS



PRODUCT DESCRIPTION

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

Unifit 035/ Earthwool 035 is a semi-rigid, self-supporting natural mineral wool roll providing thermal insulation, sound insulation and fire protection for pitched roof and ceilings applications.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.035 W/mK
Reaction to fire	A1 - non-combustible material
Water vapour diffusion resistance factor μ	~1
Thickness tolerance	T2

DESIGNATION CODE: MW-EN 13162-T2

BENEFITS

- Very good thermal insulation properties
- Excellent fire resistance - Euroclass A1, non-combustible
- High noise absorption capacity
- Dimensional stability
- Simple and easy handling
- Benefits resulting from ECOSE® Technology: softer feel, less dusty, odourless, easy to cut

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	1200	11000	1	13,2	24	316,8	1,43
60	1200	9000	1	10,8	24	259,2	1,71
80	1200	7000	1	8,4	24	201,6	2,29
100	1200	6300	1	7,56	24	181,44	2,86
120	1200	5300	1	6,36	24	152,6	3,43
150	1200	4200	1	5,04	24	120,96	4,29

CERTIFICATES



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ADDITIONAL INFORMATION

Application

UNIFIT 035 / EARTHWOOL 035 with ECOSE® Technology offers a high level of efficiency in terms of thermal, acoustic and fire protection. It is intended for application in pitched roofs as well as in ceilings. It is placed on the inside, over the rafters and thermal insulation layer already installed between the rafters. When applying insulation from the outside, UNIFIT 035 should be installed between rafters.

Packaging

The product UNIFIT 035 / EARTHWOOL 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 / EARTHWOOL 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.



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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