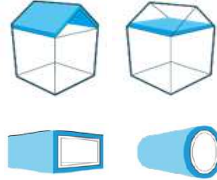




APPLICATIONS



PRODUCT DESCRIPTION

Insulation roll of Mineral Wool with ECOSE® Technology, with aluminium foil
 TI 312 RA / Earthwool ALU 040 is a mineral wool roll supplied with aluminium vapour barrier at one side. It is ideal for thermal and acoustic insulation applications for pitched roofs, lofts and ducts.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.040 W/mK
Reaction to fire	C-s1, d0
Thickness tolerance	T1
Certificate	CE
Package	PE Film
Declaration of Performance - DoP	www.dopki.com/G4248GPCPR
DESIGNATION CODE: MW - EN 13162 - T1	

BENEFITS

- Aluminum vapour barrier
- Very good resistance to humidity
- Elasticity and sealing
- Simple and quick application

DIMENSIONS AND PACKAGING

Thickness (mm)	Width (mm)	Length (mm)	pcs / roll	m ² / roll	Rolls / pallet	m ² / pallet	R Thermal resistance (m ² K/W)
50	15000	1200	1	18	24	432	1,25
80	12000	1200	1	14,4	18	259,2	2,00

CERTIFICATES



ADDITIONAL INFORMATION

Application

TI 312 RA / Earthwool ALU 040 is a mineral wool with ECOSE Technology, supplied in rolls with aluminum foil at one side. It is intended for thermal and sound insulation of pitched roofs, lofts and ducts. The aluminum foil acts as a vapour barrier, providing very good resistance to humidity.

Packaging

The product TI 312 RA / Earthwool ALU 040 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

TI 312 RA / Earthwool ALU 040 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 colors.

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