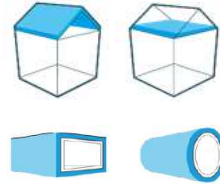


## TI 312 RA / Earthwool ALU 040

March 2021



### APPLICATIONS



### PRODUCT DESCRIPTION

**Insulation roll of Natural Mineral Wool with ECOSE® Technology, with aluminium foil**  
 TI 312 RA is a natural 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 $\lambda_D$	0,040 W/mK
Reaction to fire	C-s1, d0
Thickness tolerance	T1
Certificate	CE
Package	PE Film

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 <sup>2</sup> / roll	Rolls / pallet	m <sup>2</sup> / pallet	R Thermal resistance (m <sup>2</sup> 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 is a natural 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 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 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 colors.

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