



EARTHWOOL 037 ALU

New Generation Mineral Wool

PRODUCT DESCRIPTION:

Earthwool 037 Alu, produced with revolutionary ECOSE Technology, is new generation light, long-lasting, environmentally friendly, aluminium folio faced mineral wool based loft roll. **Earthwool 037 Alu**, can be also produced with one side ecose veil according to purpose of use or required performance.

MAIN PROPERTIES:

Thermal Conductivity Coefficient:
 $\lambda_D = 0,037 \text{ W/m.K}$

Reaction to Fire Class:
 Euroclass C TS EN 13501-1)

Environmentally Friendly ECOSE® Technology
 Binder content does not contain phenol, formaldehyde, etc. type volatile compounds.

Thickness	Width	Length	Thermal Conductivity Coefficient	Thermal Resistance
(mm)	(mm)	(mm)	λ_D (W/mK)	R (m²k/W)
25	1200	20000	0,037	0,65
50	1200	20000	0,037	1,35

*special thickness contact with sales team



Earthwool 034 ALU New Generation Mineral Wool



PRODUCT ADVANTAGES:

- ✓ Provides lightweight and cost effective insulation solution.
- ✓ Provides perfect thermal insulation with lower thermal conductivity coefficient while providing high sound insulation performance with its unique fiber structure.
- ✓ **Earthwool 037 ALU**, providing maximum safety against fire in buildings, is Class C in reaction to fire classification. Limited contribution to fire.
- ✓ **Earthwool 037 ALU** has very low volatile organic compound level thanks to innovative ECOSE® Technology which does not contain phenol, formaldehyde type harmful chemicals, acrylics and dye in its binder con-

tent. With its eco-friendly structure, helps to create more healthy and habitable living areas.

- ✓ Thanks to its unique fiber structure, dusts less than alternative rolls and has minimum itchiness. Enables easy and comfortable applications.
- ✓ With its never-before-seen flexible and resilient fiber structure, **Earthwool 037 ALU** can easily be cut and shaped without having any breaks or ruptures in the product.
- ✓ **Earthwool 037 ALU** prevents thermal and sound leaks and provides continuous insulation by its easy and perfect adaptation on every kind of surface.

Technical Properties	Unit	Value
Thermal Conductivity Coefficient	W/m.K	0,037
Reaction to Fire Class	-	C
Density	kg/m ³	16
Max Service Temperature	°C	For AluFaced :250 For Unfaced: 650
Certificate	-	CE
Package	-	PE Film

APPLICATION:

- ✓ **Earthwool 037 ALU** Loft Roll should be unpacked and fully opened. The opened roll should be lightly shaken sideways and gently agitated by 'bouncing' it on its side until it uniformly recovers to thickness stated on the label.
- ✓ Application should begin by laying **Earthwool 037 ALU** from the furthest point and work back towards the access hatch of the loft area.
- ✓ During application, rolls should be tightly joined by fully contacting roll sides to each other and leaving no air gaps between two rolls.
- ✓ **Earthwool 037 ALU** Loft Roll may be trimmed to appropriate sizes if required. During installation, potential corner, side voids must be filled with any Earthwool 037 ALU off-cuts.

PACKAGING AND STORAGE:

Earthwool 037 ALU Loft Roll, comes palletized in compressed packages with double layer PE protective film and a final shrink layer. When opened, Earthwool 037 ALU Loft Roll extends to its original size. Please refer to APPLICATION section for size retrieval. Pictograms showing application details are located on the package. Earthwool 037 ALU packages should be contained in sheltered, dry, damp-free and indoor areas and should not directly contact with the ground.

Knauf Insulation

Sanayi ve Ticaret A.Ş.

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