

Volcalis

mineral insulation



U Value[™] Insulation

Delivering Better Solutions



ALPHA 34

Mineral Wool in Roll with Superior Performance



Compact mineral wool insulation roll, with excellent acoustic and thermal performance.

Designed for applications with limited space, where a low U-value is required.

Applications

Volcalis ALPHA 34 is an excellent thermal and acoustic insulation for application in all types of buildings.

Suitable for use in construction and rehabilitation projects in partitions, wall lining, pitched roofs and ceilings.



Partitions



Wall lining



Ceilings and Pitched Roofs

Benefits

- Excellent thermal performance, contributing to the comfort of buildings and reducing energy consumption.
- Due to its internal structure, it's an excellent acoustic insulation.
- Fire resistant, A1 non-combustible and non-conductive to heat.
- Made using a sustainable process that uses raw materials and advanced technologies of high efficiency. It's a 100% recyclable product.



thermal insulation



acoustic insulation



non-combustible



all around application



sustainable process



comfortable application

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ALPHA
34

ALPHA 34, Roll



Dimensions

	50	100	150	180	220
Thickness (mm)	50	100	150	180	220
Width (mm)	1200	1200	1200	1200	1200
Length (mm)	9300	5000	3300	2700	2200

Logistics

Un. Packing	1	1	1	1	1
m2 Packing	11,16	6,00	3,96	3,24	2,64
Packing by Pallet	24	24	24	24	24
m2 Pallet	267,84	144,00	95,04	77,76	63,36

Technical Data

Thermal Resistance (m2.K/W)	1,45	2,90	4,40	5,25	6,45
Thermal Conductivity (W/m.K)	0,034				
Reaction to Fire	A1				
Thickness Tolerance	T2				
Air Flow Resistivity (kPa.s/m2)	≥ 10				
Water Vapor Resistance Diffusion Factor (μ)	1				
Designation Code	MW-EN 13162-T2-MU1-AFK10-AW1				

Sound absorption (EN ISO 11654)

Weighted coef cient (α_w)	1
Absorption class	A

Transportation and Storage

It is not a dangerous product and therefore does not require special transport precautions. Store in a dry place, protected from moisture and sun. Do not store outside of the original packaging. The packaging is coated with thermo-retractable polyethylene film and later packed with a Multipack system.

Installation

Easy to handle product. After opening the packaging, wait about 5 minutes for the product to recover to the desired thickness. During installation, wear long-sleeved clothing and gloves. If work is done above eye level, wear a mask and goggles.

Certificates



Designed and manufactured in Portugal

Volcalis' new plant is located in the centre of Portugal, and has easy access to maritime, rail and roadway networks. It is close to the port of Aveiro which allows the shipment of large quantities of mineral wool to the whole world. Additional information available at www.volcalis.pt