

Volcalis

mineral insulation



ALPHA PLUS

Kraft Paper Coated Mineral Wool
with High Thermal Resistance


 $\lambda 32$

Compact semi-rigid slab, with excellent thermal properties, coated on one side with a kraft paper vapor barrier, for application in construction and rehabilitation systems.

Applications

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

Suitable for use in construction and rehabilitation works, such as: wall lining and roofs.



Pitched
roofs



Wall
lining



Ceilings

Benefits

- With built-in vapor barrier.
- Good thermal behavior, contributes to the comfort of buildings and reduces energy consumption.
- Easy to apply and to handle.
- Due to its internal structure, it is an excellent acoustic insulation.
- Results from 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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startupdesign.pt

ALPHA PLUS Kraft Paper Slab



Dimensions

Thickness (mm)	50	60	80	100	120	140
Width (mm)	600					
Length (mm)	1350					

Logistics

Un. Packing	8	7	5	4	4	3
m ² Packing	6,48	5,67	4,05	3,24	3,24	2,43
Packing by Pallet	24					
m ² Palllet	155,52	136,08	97,20	77,76	77,76	58,32

Technical Data

Thermal Resistance (m ² .K/W)	1,55	1,85	2,50	3,10	3,75	4,35
Thermal Conductivity (W/m.K)	0,032					
Reaction to Fire	F					
Thickness Tolerance	T2					
Resistance to Water Vapor Z (m ² .h.Pa/mg)	3					
Designation Code	MW-EN13162-T2-Z3					

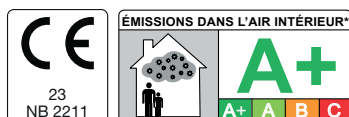
Transportation and Storage

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 packagings are 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

Additional information available at www.volcalis.pt

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