

# Volcalis

mineral insulation



## ALPHA

### Kraft Paper Coated Slab

Compact slab with improved performance, coated on one side with a kraft vapor barrier, for dry construction systems applications.

  
**λ35**

#### Applications

Volcalis ALPHA 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 ceilings.



Wall lining



Ceilings

#### Benefits

- With built-in vapor barrier.
- Very good thermal performance, contributes to the comfort of buildings and reduces energy consumption.
- Due to its internal structure, it is an excellent acoustic insulation.
- Fire resistant, not combustible or conductive to heat.
- 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

## ALPHA Slab Kraft Paper



### Dimensions

Thickness (mm)	<b>45</b>	<b>60</b>	<b>85</b>
Width (mm)	600		
Length (mm)	1 350		

### Logistics

Un. Packing	12	10	7
m <sup>2</sup> Packing	9,72	8,10	5,67
Packing by Pallet	24		
m <sup>2</sup> Pallet	233,28	194,40	136,08

### Technical Data

Thermal Resistance (m <sup>2</sup> .K/W)	1,25	1,70	2,40
Thermal Conductivity (W/m.K)	0,035		
Reaction to Fire	F		
Thickness Tolerance	T2		
Resistance to Water Vapor Z (m <sup>2</sup> .h.Pa/mg)	3		
Designation Code	MW-EN13162-T2-Z3		

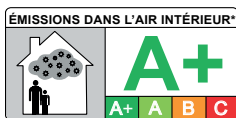
### Transportation and Storage

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



Volcalis 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](http://www.volcalis.pt)