

# Volcalis

mineral insulation



## COMFORT

### Mineral Wool in Roll

Compact slab, supplied in roll, available in 400 and 600 mm wide, for application in dry construction systems.



#### Applications

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

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



Partitions



Wall lining



Ceilings

#### Benefits

- Good thermal behavior, 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

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DOC.04.01-004/REV.03  
startupdesign.pt

## COMFORT Roll



### Dimensions

Thickness (mm)	50		60		70		90	
Width (mm)	400	600	400	600	400	600	400	600
Length (mm)	13 200		11 000		9 500		7 400	

### Logistics

Un. Packing	3	2	3	2	3	2	3	2
m <sup>2</sup> Packing	15,84		13,20		11,40		8,88	
Packing by Pallet	24		24		24		24	
m <sup>2</sup> Pallet	380,16		316,80		273,60		213,12	

### Technical Data

Thermal Resistance (m <sup>2</sup> .K/W)	1,35	1,60	1,85	2,40
Thermal Conductivity (W/m.K)	0,037			
Reaction to Fire	A1			
Thickness Tolerance	T2			
Air Flow Resistivity (kPa.s/m <sup>2</sup> )	≥ 5			
Water Vapor Resistance Diffusion Factor (μ)	1			
Designation Code	MW-EN13162-T2-MU1-AW1-AFr5			

### Sound absorption (EN ISO 11654)

Weighted coefficient (α <sub>w</sub> )	<b>1</b>
Absorption class	<b>A</b>

Essay ITeCons, EN ISO 354, ACL 343/18 COMFORT 50 mm, ACL 344/18 COMFORT 60 mm

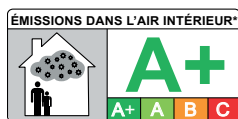
### Transportation and Storage

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)