

## DECLARATION OF CONFORMITY

N° DoP\_Volcalis\_73\_35PNCX (En)

1. Unique identification code of the product-type:  
**ALPHA Painel; ALPHA Slab; ALPHA Panel; ALPHA Panneau**
2. Identification of the product:  
**Marked on the product packaging**
3. Intended use:  
**Thermal Insulation for buildings (ThIB)**
4. Name and contact address of the manufacturer:  
**VOLCALIS – Isolamentos Minerais, S.A.**  
Zona Industrial de Bustos, Azurveira  
3770-011 Bustos, Portugal
5. System or systems of assessment and verification of constancy of performance:  
**AVCP System 1 for reaction to fire**  
**AVCP System 3 for other characteristics**
6. Harmonized Standards:  
**EN 13162:2012+A1:2015**

Notified body:

**System 1: ACERMI (Notified Body N° 1163)**

**Testing carried:** Determination of the product-type on the basis of type testing (including sampling), type calculation, initial inspection, continuous surveillance, assessment and evaluation of factory production control, under system 1.

**System 3: ITECONS (Notified Body N° 2211)**

**Testing carried:** Determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer) type calculation, under system 3.

7. Declared performance:

Essential Characteristics		Performance	Harmonized technical Standard
Thermal resistance	Thermal resistance (m <sup>2</sup> .K/W)	45 mm – 1,25 60 mm – 1,70 85 mm – 2,40 100 mm – 2,85	EN 13162:2012+A1:2015
	Thermal Conductivity (W/m.K)	0,035	
	Thickness	T2	
Reaction to fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability Characteristics <sup>a</sup>	NPD	
Durability of thermal resistance against heat weathering, ageing/degradation	Thermal conductivity and resistance <sup>b</sup>	NPD	
	Durability Characteristics <sup>c</sup>	NPD	
Compressive Strength	Compressive stress/ Compressive strength	NPD	
	Point Load	NPD	

Essential Characteristics		Performance	Harmonized technical Standard
Tensile/ Flexural Strength	Tensile strength perpendicular faces <sup>d</sup>	NPD	EN 13162:2012+A1:2015
Durability of compressive strength against ageing/ degradation	Compressive Creep	NPD	
Water permeability	Short term water absorption	NPD	
	Long term water absorption	NPD	
Water vapour permeability	Water vapour transmission	MU1	
Impact noise transmissions index (for floors)	Dynamic stiffness	NPD	
	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorption index	Sound absorption	AW1(≥45mm)	
Direct airborne sound insulation index	Air flow resistivity	Afr10	
Release of dangerous substances to the indoor environment	Release of dangerous substances <sup>e</sup>	NPD	

NPD – No performance Determined

<sup>a</sup> No change in reaction to fire properties for mineral wool products

<sup>b</sup> Thermal conductivity of mineral wool does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air

<sup>c</sup> For dimensional stability thickness only

<sup>d</sup> This characteristic also covers handling and installation

<sup>e</sup> European test methods are under development for more information: <http://ec.europa.eu/enterprise/construction/cpd-ds/>

8. The performance of the product identified in point 1 and 2 is in conformity with the set of declared performances in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Bustos, 17/03/2021



Pedro Mota  
(Direção Geral)