Volcalis
isolamentos minerais

DECLARATION OF CONFORMITY

Nº DoP_Volcalis_72_37RNCX (En)

1. Unique identification code of the product-type:
   COMFORT Rolo; COMFORT Roll; COMFORT Rollo; COMFORT Rouleau
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 Nº 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 Nº 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^2.K/W)	50 mm – 1,35 60 mm – 1,60 70 mm – 1,85 75 mm – 2,00 90 mm – 2,40	EN 13162:2012+A1:2015
	Thermal Conductivity (W/m.K)	0,037	
	Thickness	T2	
Reaction to fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability Characteristics [a]	NPD	
Durability of thermal resistance against heat weathering, ageing/degradation	Thermal conductivity and resistance [b]	NPD	
	Durability Characteristics [c]	NPD	

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Essential Characteristics		Performance	Harmonized technical Standard
Compressive Strength	Compressive stress/ Compressive strength	NPD	EN 13162:2012+A1:2015
	Point Load	NPD	
Tensile/ Flexural Strength	Tensile strength perpendicular faces [d]	NPD	
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(≥50mm)	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of dangerous substances to the indoor environment	Release of dangerous substances [e]	NPD	

NPD – No performance Determined

[a] No change in reaction to fire properties for mineral wool products

[b] 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

[c] For dimensional stability thickness only

[d] This characteristic also covers handling and installation

[e] 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)