

DECLARATION OF CONFORMITY

N° DoP_Volcalis_73_35PKRX (En)

1. Unique identification code of the product-type:
ALPHA Painel Papel Kraft; ALPHA Slab Kraft Paper; ALPHA Panel Papel Kraft; ALPHA Panneau Papier Kraft
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 3
6. Harmonized Standards:
EN 13162:2012+A1:2015

Notified body:
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 ² .K/W) | 45 mm – 1,25 60 mm – 1,70 85 mm – 2,40 | EN 13162:2012+A1:2015 |
| | Thermal Conductivity (W/m.K) | 0,035 | |
| | Thickness | T2 | |
| Reaction to fire | Reaction to fire | F | |
| 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 | |
| Compressive Strength | Compressive stress/ Compressive strength | NPD | |
| | Point Load | NPD | |

| Essential Characteristics | | Performance | Harmonized technical Standard |
|--|---|-------------|-------------------------------|
| Tensile/ Flexural Strength | Tensile strength perpendicular faces ^d | 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 | Z3 | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorption index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| 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)