



## DECLARATION OF PERFORMANCES - DOP Nº 106 – COBERLAN 75 VF

- 1. Unique identification code of the product-type:**  
COBERLAN 75 VF
- 2. Type, batch or serial number or any other element allowing identification of the construction product, as required pursuant to Article 11(4):**  
COBERLAN 75 VF (see product label).
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**  
*Stone mineral wool (MW) insulation product, as a slab faced with fiberglass veil, for diverse applications in civil construction.*
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**  
TERMOLAN – ISOLAMENTOS TERMO-ACÚSTICOS, S.A.  
Av. de Poldrões, nº10 – Apartado 11  
4795-006 Vila das Aves – Portugal
- 5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**  
Not applicable.
- 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**  
AVCP system 4.
- 7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:**  
Determination of product type and production control by the manufacturer according to the technical specification EN 13162:2012+A1:2015.
- 8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**  
Not applicable.

**9. Declared performance:**

## Harmonised technical specification EN 13162:2012+A1:2015

Essential characteristics		Performance
Reaction to fire - Euroclass characteristics	Reaction to fire	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	<b>a)</b>
Acoustic absorption index	Acoustic absorption	NPD
Impact noise transmission index (for floors)	Dynamic stiffness	NPD
	Thickness, $d_L$	NPD
	Compressibility	NPD
	Air flow resistivity	NPD
Direct airborne sound insulation index	Air flow resistivity	NPD
Continuous glowing combustion	Continuous glowing combustion	<b>b)</b>
Thermal resistance	Thermal resistance	<b>c)</b>
	Thermal conductivity (W/m.K)	0,037 (30-50mm) 0,038 (55-145mm)
	Thickness	T5
Water permeability	Water absorption (short term)	WS
Water vapour permeability	Water vapour transmission	NPD
Compressive strength	Compressive stress or compressive strength	CS(10/Y)70
	Point load	PL(5)550
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics <b>d)</b>	<b>e)</b>
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	<b>f)</b>
	Durability characteristics	<b>g)</b>
Tensile/Flexural strength	Tensile strength perpendicular to faces <b>h)</b>	TR15
Durability of compressive strength against ageing/degradation	Compressive creep	NPD

- a) Thermal insulation products should not surpass the maximum admissible levels foreseen in the European and National specifications of dangerous substances. Awaiting full definition of the mentioned developing specifications;
- b) Awaiting full definition of developing European technical specifications;
- c) Declared thermal resistance:

<b>Thickness (mm)</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>
Thermal resistance (m <sup>2</sup> .K/W)	0,80	0,90	1,05	1,20	1,35	1,40	1,55	1,70	1,80
<b>Thickness (mm)</b>	<b>75</b>	<b>80</b>	<b>85</b>	<b>90</b>	<b>95</b>	<b>100</b>	<b>105</b>	<b>110</b>	<b>115</b>
Thermal resistance (m <sup>2</sup> .K/W)	1,95	2,10	2,20	2,35	2,50	2,60	2,75	2,85	3,00
<b>Thickness (mm)</b>	<b>120</b>	<b>125</b>	<b>130</b>	<b>140</b>	<b>145</b>				
Thermal resistance (m <sup>2</sup> .K/W)	3,15	3,25	3,40	3,65	3,80				

- d) No change in reaction to fire properties for mineral wool products.
- e) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- f) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
- g) For dimensional stability thickness only.
- h) This characteristic also covers handling and installation.



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DOP – DECLARATION OF PERFORMANCES  
In accordance with Regulation (EU) 305/2011 of March 9th

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**10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.**

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 and electronically by:

**General Manager**

Vila das Aves, February, 18, 2021.

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**TERMOLAN**  
ISOLAMENTOS TERMO-ACÚSTICOS, S.A.