

**DECLARATION OF PERFORMANCE****N.º DoP-AISOL-MDFacade-01-17**

1. Unique identification code of the product-type:
MDFacade - Expanded Insulation Cork Board (ICB)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
See the label product
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
For use as thermal insulation for buildings (see EN 13170) according to the manufacturer's specifications
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**Amorim Isolamentos, S.A.
Rua de Meladas, nº 105
4535-186 Mozelos VFR, 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:
System 3
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
Name of the notified test laboratory, that has issued the certificate of conformity of the factory production control, inspection reports and calculation reports (if relevant).
CSTB - Centre Scientifique et Technique du Bâtiment, notified test laboratory nº 0679 (France), report nº HO 04-005 and nº HO 05-053
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: **ICB - EN 13170 - L2 - W2 - T2 - CS(10)200 - TR50 - WS - AFR35**

Essential characteristics	Performance		Harmonised technical specification
Reaction to fire, Euroclass characteristics	Reaction to fire	Euroclass E	EN 13170:2012+A1:2015
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	
Acoustic absorption index	Sound absorption	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	NPD	
	Thickness, d_L	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr35	
Direct airborne sound insulation index	Air flow resistivity	AFr35	
Continuous Glowing combustion	Continuous Glowing combustion	NPD	
	Thermal resistance	see Table A	
	Thermal conductivity	0,043 W/m.K	
Water permeability	Water absorption	WS	
	Water vapour permeability	NPD	
Compressive strength	Compressive stress at 10% deformation	CS(10)200	
	Point load	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	satisfy	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	satisfy	
	Durability characteristics	satisfy	
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR50	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
NPD - No Performance Determined			

UNIDADE DE DISTRIBUIÇÃO:

Rua de Meladas, 105
4535-186 MOZELOS VFR – PORTUGAL
Telef: +351 22 741 9100
Fax: +351 22 741 9101
Email: geral.aisol@amorim.com

UNIDADE INDUSTRIAL DE SILVES:

Vale de Lama – Apartado 27
8300-999 SILVES – PORTUGAL
Telef: +351 282 440 720
Fax: +351 282 440 721

UNIDADE INDUSTRIAL DE VENDAS NOVAS - SEDE:

Estrada de Lavre, Km 6 – Apartado 7
7084-909 VENDAS NOVAS – PORTUGAL
Telef: +351 265 809 220
Fax: +351 265 809 221

Capital Social: EUR 100.000,00

Registo na C.R.C.P. de Vendas Novas
NIF Nº PT 502 863 145
www.amorimisolamentos.com





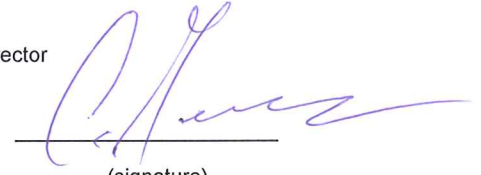
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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 by:

Carlos Manuel Oliveira, Managing Director

Mozelos, January 2017



(signature)

Table A: Thermal resistance (R) in accordance with EN 13170:2012+A1:2015

Thickness, d_L [mm]	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
Thermal resistance [$m^2.K/W$]	0,45	0,55	0,70	0,80	0,90	1,05	1,15	1,25	1,40	1,50	1,60	1,70	1,85	1,95	2,05
Thickness, d_L [mm]	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240
Thermal resistance [$m^2.K/W$]	2,30	2,55	2,75	3,00	3,25	3,45	3,70	3,95	4,15	4,40	4,65	4,85	5,10	5,35	5,55