

**DECLARATION OF PERFORMANCE****N.º DoP-AISOL-ICB-01-Rev1-14**

- Unique identification code of the product-type:  
**ICB - Expanded Insulation Cork Board**
- 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**
- 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**
- 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 da Corticeira, nº 66  
4535-173 Mozelos - Portugal**
- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
**not applicable**
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 3**
- 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**
- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
**not applicable**
- Declared performance: **ICB - EN 13170 - L2 - W2 - T2 - CS(10)100 - TR50 - WS - MU20 - CC(0,8/0,4/10)5**

Essential characteristics	Performance		Harmonised technical specification	
Reaction to fire, Euroclass characteristics	Reaction to fire	<b>Euroclass E</b>	<b>EN 13170:2012</b>	
Release of dangerous substances to the indoor environment	Release of dangerous substances	<b>NPD</b>		
Acoustic absorption index	Sound absorption	<b>NPD</b>		
Impact noise transmission index (for floors)	Dynamic stiffness	<b>NPD</b>		
	Thickness, $d_L$	<b>NPD</b>		
	Compressibility	<b>NPD</b>		
	Air flow resistivity	<b>NPD</b>		
Direct airborne sound insulation index	Air flow resistivity	<b>NPD</b>		
Continuous Glowing combustion	Continuous Glowing combustion	<b>NPD</b>		
	Thermal resistance	Thermal resistance		<b>see Table A</b>
		Thermal conductivity		<b>0,040 W/m.K</b>
	Thickness, $d_L$	<b>T1 - T2 (<math>d_L &gt; 50</math> mm)</b>		
Water permeability	Water absorption	<b>WS</b>		
Water vapour permeability	Water vapour transmission	<b>MU20</b>		
Compressive strength	Compressive stress at 10% deformation	<b>CS(10)100</b>		
	Point load	<b>NPD</b>		
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	<b>satisfy</b>		
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	<b>satisfy</b>		
	Durability characteristics	<b>satisfy</b>		
Tensile/Flexural strength	Tensile strength perpendicular to faces	<b>TR50</b>		
Durability of compressive strength against ageing/degradation	Compressive creep	<b>CC(0,8/0,4/10)5</b>		
<b>NPD - No Performance Determined</b>				



AMORIM

Amorim Isolamentos, S.A.

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, Managing Director

Mozelos, July 2014

AMORIM ISOLAMENTOS, S.A.  
Administração

(signature)

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

Thickness, $d_L$ [mm]	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
Thermal resistance [ $m^2.K/W$ ]	0,50	0,60	0,75	0,85	1,00	1,10	1,25	1,35	1,50	1,60	1,75	1,85	2,00	2,10	2,25	2,35
Thickness, $d_L$ [mm]	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
Thermal resistance [ $m^2.K/W$ ]	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25

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