

declaration

Declaration of Performance

No. 0551-CPR-2013-049

Unique identification code of the product-type:	Izo-Max, Izo-Max S
Intended use/es:	Thermal insulation of building equipment and industrial installations (ThiBEll)
Manufacturer:	Armacell Poland Sp. z o.o. Ul. Targowa 2 PL-55-300 Środa Śląska
System/s of AVCP:	3
Harmonised standard:	EN 14313:2009+A1:2013
Notified body/ies:	NB 0919
Declared performance/s:	

Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	Tubes	d _N = 5 – 20 mm	$\lambda_{40^{\circ}\text{C}} \leq 0,042 \text{ W}/(\text{m} \cdot \text{K})$ $\lambda(\vartheta_{\text{m}}) = (37,8 + 0,1 \cdot \vartheta_{\text{m}} + 0,0008 \cdot (\vartheta_{\text{m}} - 42)^2) / 1000$
	Tubes	d _N = 6 – 20 mm	
Reaction to fire	Tubes	d _N = 5 – 20 mm	E _L
	Tubes	d _N = 6 – 20 mm	
Durability of thermal resistance against ageing/ degradation	Dimensional stability ¹⁾		
Durability of thermal resistance against high temperatures	Maximum service temperature ST(+)100 (=100°C)		
Durability of reaction to fire against ageing/ degradation	Durability characteristics ²⁾		
Durability of reaction to fire against high temperature	Durability characteristics ²⁾		
Water permeability	NPD		
Water vapour permeability/ Water vapour diffusion resistance	NPD		
Rate of release of corrosive substances	NPD		
Acoustic absorption index	NPD		
Release of dangerous substances to indoor environment	NPD ³⁾		
<div><div>1)</div><div>The thermal conductivity of polyethylene foam (PEF) does not change with time.</div></div> <div><div>2)</div><div>The fire performance of polyethylene foam (PEF) products does not change with time.</div></div> <div><div>3)</div><div>European test methods are under development.</div></div> <div><div>4)</div><div>No Performance Determined (NPD)</div></div>			

This declaration of performance is made available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage:
www.armacell.com/DoP <http://www.armacell.com/DoP>

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Georg Eleftheriadis, Technical Marketing Manager EMEA

Sroda, 10.09.2020



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