

Declaration of Performance No. 0543-CPR-2021-103

Unique identification code of the product-type:	Elastomeric Tape
Intended use/es:	Thermal insulation of building equipment and industrial installations (ThiBELL)
Manufacturer:	Armacell GmbH Robert-Bosch-Str. 10 D-48153 Münster
System/s of AVCP:	1 and 3
Harmonised standard:	EN 14304:2009+A1:2013
Notified body/ies:	NB 0919
Declared performance/s:	

Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	Tape	d _N = 3 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,033 \text{ W}/(\text{m} \cdot \text{K})$ $\lambda(\vartheta_{\text{m}}) = (33 + 0,1 \cdot \vartheta_{\text{m}} + 0,0008 \cdot \vartheta_{\text{m}}^2) / 1000$
Reaction to fire	Tape	d _N = 3 mm	B – s3, d0
Durability of thermal resistance against ageing/ degradation	Dimensional stability ¹⁾ Minimum service temperature ST(-)50 (= -50 °C)		
Durability of thermal resistance against high temperatures	Maximum service temperature ST(+)110 (=110°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 ⁴⁾		
Water vapour permeability/ Water vapour diffusion resistance	Tape	d _N = 3 mm	μ 10000 (μ ≥ 10000)
Rate of release of corrosive substances	NPD ⁴⁾		
Acoustic absorption index	NPD ⁴⁾		
Release of dangerous substances to indoor environment	NPD ^{3) 4)}		
<div><div><div><div>1)</div><div>The thermal conductivity of flexible elastomeric foam does not change with time</div></div><div><div>2)</div><div>The fire performance of flexible elastomeric foam 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></div></div>			

This declaration of performance is made available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage:
<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
Münster, 19.01.2021



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