

declaration

Declaration of Performance No. 0745-CPR-2019-093

Unique identification code of the product-type:	Oneflex
Intended use/es:	Thermal insulation of building equipment and industrial installations (ThiBELL)
Manufacturer:	Armacell Yalitim A.S Barakfakih Sai. Bölgesi 16. Cad. No:13 Kestel 16450 Bursa
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	Tubes	d _N = 6 - 32 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,035 \text{ W/(m}\cdot\text{K)},$ $\lambda(\vartheta_m) =(35 + 0,1\cdot\vartheta_m + 0,0008\cdot\vartheta_m^2) / 1000$
	Tape, Sheets	d _N = 3 - 50 mm	
Reaction to fire	Tubes	d _N = 6 - 32 mm	B _L -s3,d0
	Tape, Sheets	d _N = 3 - 50 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		
Water vapour permeability/ Water vapour diffusion resistance	Tubes	d _N = 6 - 32 mm	Mu 5000 (μ ≥ 5000)
	Tape, Sheets	d _N = 3 - 50 mm	
Rate of release of corrosive substances	NPD		
Acoustic absorption index	NPD		
Release of dangerous substances to indoor environment	NPD ³⁾		
1) The thermal conductivity of flexible elastomeric foam does not change with time 2) The fire performance of flexible elastomeric foam products does not change with time. 3) European test methods are under development. 4) No Performance Determined (NPD)			

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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
Bursa, 11.06.2019



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