

Declaration of Performance No. 0543-CPR-2013-017

Unique identification code of the product-type:	Armaflex Ultima
Intended use/es:	Thermal insulation of building equipment and industrial installations (ThiBEII)
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	tubes sheets, tape	d _N = 9 - 25mm d _N = 3 - 25 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,040 \text{ W}/(\text{m}^{\circ}\text{K}),$ $\lambda(\vartheta_m) = (40 + 0,1 \cdot \vartheta_m + 0,0009 \cdot \vartheta_m^2) / 1000$
Reaction to fire	tubes sheets tape	d _N = 9 - 25mm d _N = 6 - 25 mm d _N = 3 mm	B _L -s1,d0 B-s2,d0 B-s1,d0
Durability of thermal resistance against ageing/degradation	Dimensional stability ¹⁾ Minimum service temperature ST(-)-50 (= -50 °C)		
Durability of thermal resistance against high temperature	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 sheets,	d _N = 9-25 mm d _N = 3-25 mm	Mu 7000 (μ ≥ 7000)
Rate of release of corrosive substances	Trace quantities of water-soluble chloride ions CL300 (≤300 ppm)		
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)			

declaration

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.

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:
Klaus Peerenboom, General Manager EU North
at Münster on 01.01.2015



[signature]