

Declaration of Performance No. 0550-CPR-2013-037

Unique identification code of the product-type:	Tubolit DG
Intended use/es:	Thermal insulation of building equipment and industrial installations (ThiBEll)
Manufacturer:	Armacell UK Limited Mars Street, Oldham OL96LY United Kingdom
System/s of AVCP:	1 and 3
Harmonised standard:	EN 14313:2009+A1:2013
Notified body/ies:	NB 0919

Declared performance/s:

Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	tubes	$d_N = 5 - 30 \text{ mm}$	$\lambda_{40^\circ\text{C}} \leq 0,04 \text{ W/(m}\cdot\text{K)},$ $\lambda(\vartheta_m) = [36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2] / 1000$
Reaction to fire	tubes	$d_N = 5 - 30 \text{ mm}$	E
Durability of thermal resistance against ageing/degradation	Dimensional stability ¹⁾		
Durability of thermal resistance against high temperature	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⁾		
¹⁾ The thermal conductivity of polyethylene foam (PEF) does not change with time. ²⁾ The fire performance of polyethylene foam (PEF) 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:

Thomas M. Rust, UK General Manager
at Oldham on 01.01.2015



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