

## Declaration of Performance No. 0543-CPR-2013-028

<b>Unique identification code of the product-type:</b>	<b>Arma-Chek D (NH)</b>
<b>Intended use/es:</b>	Thermal insulation of building equipment and industrial installations (ThiBEll)
<b>Manufacturer:</b>	Armacell GmbH Robert-Bosch-Str. 10 D-48153 Münster
<b>System/s of AVCP:</b>	1 and 3
<b>Harmonised standard:</b>	EN 14304:2009+A1:2013
<b>Notified body/ies:</b>	NB 0919, NB 0751, NB 0432
<b>Declared performance/s:</b>	

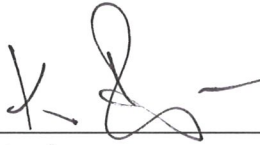
Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	tubes sheets	d <sub>N</sub> = 13 -25 mm d <sub>N</sub> = 13 -25 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,040 \text{ W}/(\text{m}^{\circ}\text{K}),$ $\lambda(\vartheta_m) = (40 + 0,1 \cdot \vartheta_m + 0,0009 \cdot \vartheta_m^2) / 1000$
Reaction to fire	tubes sheets	d <sub>N</sub> = 13 -25 mm d <sub>N</sub> = 13- 25 mm	E E
Durability of thermal resistance against ageing/degradation	Dimensional stability <sup>1)</sup> 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 <sup>2)</sup>		
Durability of reaction to fire against high temperature	Durability characteristics <sup>2)</sup>		
Water permeability	NPD		
Water vapour permeability / Water vapour diffusion resistance	tubes sheets	d <sub>N</sub> = 13 -25 mm d <sub>N</sub> = 13 -25 mm	Mu 2000 (μ ≥ 2000)
Rate of release of corrosive substances	Trace quantities of water-soluble chloride ions CL80 (≤80 ppm)		
Acoustic absorption index	NPD		
Release of dangerous substances to indoor environment	NPD <sup>3)</sup>		
<sup>1)</sup> The thermal conductivity of flexible elastomeric foam does not change with time. <sup>2)</sup> The fire performance of flexible elastomeric foam products does not change with time. <sup>3)</sup> European test methods are under development. <sup>4)</sup> <b>No Performance Determined (NPD)</b>			

# 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](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:  
**Klaus Peerenboom, General Manager EU North  
at Münster on 01.01.2015**



[signature]