

Declaration of Performance DOP-No. 0543-CPR-2013-025

1.	Unique identification code of the product- type:	Arma-Chek D (AF)			
2.	Intended use/es:	Thermal insulation of building equipment and in- dustrial installations (ThiBEII)			
3.	Manufacturer:	Armacell GmbH	info.de@armacell.com		
		Robert-Bosch-Str. 10 D-48153 Münster	www.armacell.com		
4.	Where applicable, name and contact address of the authorised representative whose man- date covers the tasks specified in Article 12(2):	not applicable	applicable		
5.	System or systems of assessment and verifi- cation of constancy of performance of the construction product as set out in Annex V:	AVCP 3			
6.	Harmonised standard:	EN 14304:2009+A1:2013			
	Notified testing laboratory ¹	The notified test laboratory No. 0432 (MPA NRW) has issued the test reports for Reaction to fire, No. 0751 (FIW) Thermal conductivity.			
7.	Declared performance/s:	FEF-EN14304-ST(+)110-ST(-)50-CL300-MU10000			

¹ Materialprüfungsamt Nordrhein-Westfalen (MPA NRW), Marsbruchstraße 186, 44287 Dortmund, Germany Forschungsinstitut für Wärmeschutz e. V. München FIW München, Lochhamer Schlag 4, 82166 Gräfelfing, Germany



MAKING A DIFFERENCE AROUND THE WORLD

Essential ch	aracteristics	Performance						
	Thermal conduc- tivity	Sheets		λ _{0°C}	$\leq 0,033 W/(m \cdot K)$			
The			$d_{\rm D} = 13 - 25 \ \rm mm$	$\lambda(\vartheta_{\rm m}) = (33 + 0.1 \cdot \vartheta_{\rm m} + 0.0008 \\ \cdot \vartheta^2)/1000 \\ = 13 - 25 \text{ mm}$				
i nermai								
resistance	Dimensions and	Sheets	do					
	Tolerances		Dimension	ons and tolerances met				
Reaction to fire		Sheets	$d_{\rm D} = 13 - 25 {\rm mm}$	n E _L				
Durability of thermal re-		Maximum service temperature						
		ST(+)110 (=110°C) Minimum service temperature						
sistance aga	inst ageing/ deg-	ST(-)50 (=-50°C)						
radation ^a		Dimensions and tolerances met						
		Durability characteristics met						
Durability of	thermal re-	Maximum service temperature						
sistance aga	inst high temper-	SI(+)110 (=110 °C)						
atures ^a		Durability characteristics met						
Durability of	reaction to fire	Durability characteristics met						
against agei	ng/ degradation ^D							
Durability of	reaction to fire	Durability characteristics met						
against high	temperature ^D							
Compressive	e strength ^c							
Water perme	ability	NPD						
Water vapour permeability								
		Sheets	$d_{\rm D} = 13 - 25 {\rm mm}$	n	MU 10000 ($\mu \ge 10000$)			
Rate of release of corrosive		Trace quantities of water-soluble chloride ions CL 200 (< 200 ppm)						
substances		Trace quantities of water-soluble chloride ions CLSOU (> 500 ppm)						
Acoustic absorption index		NPD						
Release of dangerous sub-		NPD						
stances ^d								
Continuous	glowing combus-	NPD						
tion ^a								
NPD No Performance Determined; ϑ_m Mean Temperature								
a The thermal conductivity of flovible electomeric from does not change with time								
^b The fire performance of flexible electomeric form products does not change with time								
^C Compressive strength is not applicable for FEE products								
^d European test methods are under development								

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by: Dr.-Ing. Elke Rieß, Manager Central Technical Marketing EMEA Münster, 21.05.2025



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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: www.armacell.com/DoP http://www.armacell.com/DoP