Declaration of Performance

DOP-No. 0551-CPR-2013-044

1. Unique identification code of the product-type::	**Tubolit Split & DuoSplit**	
2. Type, batch or serial number or any other element allowing to identification of the construction product as required pursuant to Article 11(4):	see label on the packaging of the product	
3. Intended use/es::	Thermal insulation of building equipment and industrial installations (ThiBEll)	
4. Manufacturer::	Armacell Poland Sp.zo.o. Ul. Targowa 2 PL-55-300 Środa Śląska	informacja.pl@armacell.com www.armacell.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	not applicable	
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	AVCP 1 and 3	
7. Harmonised standard: **Notified certification body** [1] **Notified testing laboratory** [2]	EN 14313:2009+A1:2013 Notified certification body No. **0919 (GSH)** performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and the factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. The notified test laboratory **No. 1488 (ITB)** has issued the test reports for Reaction to fire, Thermal conductivity, **No. 1486 (COBR)** Thermal conductivity.	
8. Declared performance/s::	PEF-EN14313-ST(+)100-ST(-)50-MU5000	

[1] Güteschutzgemeinschaft Hartschaum e.V. (GSH), Schildenstraße 24, 29221 Celle, Germany

[2] Centralny Osrodek Badawczo-Rozwojowy, Przemyslu Izolacji Budowlanej, Al. W. Korfantego 193 A, 40-157 Katowice; INSTYTUT TECHNIKI BUDOWLANEJ (ITB), ul. Filtrowa 1, 00-611 Warszawa, Poland

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Essential characteristics		Performance		
Thermal resistance	Thermal conductivity	Tubes	$d_D = 6 + 9$ mm	$\lambda_{0°C} \leq 0{,}036$ W/(m · K) $\lambda(\vartheta_m) = (36 + 0{,}1 \cdot \vartheta_m + 0{,}0008 \cdot \vartheta_m{}^2)/1000$
	Dimensions and Tolerances	Tubes	d_D = 6 + 9 mm; Di,D = 6 – 22,22 mm Dimensions and tolerances met	
Reaction to fire		Tubes	$d_D = 6 + 9$ mm	$B_L - s1, d0$
Durability of thermal resistance against ageing/ degradation [a]		Maximum service temperature ST(+)100 (=100°C)		
		Minimum service temperature ST(-)50 (=-50°C)		
		Dimensions and tolerances met		
		Durability characteristics met		
Durability of thermal resistance against high temperatures [a]		Maximum service temperature ST(+) 100 (= 100 °C)		
		Durability characteristics met		
Durability of reaction to fire against ageing/ degradation [b]		Durability characteristics met		
Durability of reaction to fire against high temperature [b]		Durability characteristics met		
Compressive strength [c]		---		
Water permeability		NPD		
Water vapour permeability		Tubes	$d_D = 6 + 9$ mm	MU 5000 ($\mu \geq 5000$)
Rate of release of corrosive substances		NPD		
Acoustic absorption index		NPD		
Release of dangerous substances [d]		NPD		
Continuous glowing combustion [e]		NPD		

NPD No Performance Determined; ϑ_m Mean Temperature

[a] The thermal conductivity of polyethylene foam (PEF) does not change with time.
[b] The fire performance of polyethylene foam (PEF) products does not change with time.
[c] Compressive strength is not applicable for PEF products.
[d] European test methods are under development.
[e] Continuous glowing combustion is not applicable for PEF products.

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
Sroda Slanska, 27.08.2024

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[signature]

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.