

GSH Güteschutzgemeinschaft Hartschaum e.V.

Certificate of Constancy of Performance 0919-CPR-0543-FEF-12-2-R5.e

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the

construction products as listed in Annex 1+2 of this certificate

produced by

**Armacell GmbH
Robert-Bosch-Straße 10
D-48153 Münster**

and produced in the manufacturing plant

**Armacell GmbH
Robert-Bosch-Straße 10
D-48153 Münster.**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 14304:2009+A1:2013

under system 1 are applied and that

the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 2013-12-20 and will remain valid until 2016-10-31, as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

The validity can be prolonged by the GSH certification body, at latest until 2018-10-31.

Celle, 2015-06-30
Revised : Celle, 2015-08-27


Corth Siegfried
Manager of the Certification Body

Prolonged until:

Prolonged until:

Schildenstraße 24
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Annex 1 of the Certificate No. 0919-CPR-0543-FEF-12-2-R5.e

Product name	Description	Thermal conductivity λ_D at 0 °C W/mK	Thermal conductivity λ_D at 40 °C W/mK	Reaction to fire Euroclass	Maximum service temp. (ST+) °C	Minimum service temp. (ST-) °C	Water vapour resistance factor (MU)	Soluble ions/pH (CL)	Designation code of manufacturer	
AF/Armaflex Tubes (AF1-AF4, 7-25 mm) Sheets (3 - 32mm)	Elastomeric sheets, tubes and tape	0,033		B ₁ -s3, d0 B-s3, d0	110	-50	10.000	300	FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 10000	
AF/Armaflex Tubes (25-45 mm) Sheets (36-50 mm)	Elastomeric sheets and tubes	0,036		B ₁ -s3, d0 B-s3, d0	110		7.000	FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 7000		
Armaflex XG Tubes (6-19 mm) Sheets (3-25 mm)	Elastomeric sheets, tubes and tape	0,035		B ₁ -s3, d0 B-s3, d0	110		10.000	FEF - EN14304 - ST(+)+110 - ST(-)50 - MU 10000		
Armaflex XG Tubes(25-40 mm) Sheets (32-40 mm)	Elastomeric tubes Elastomeric sheets	0,036 0,036		B ₁ -s3, d0 B-s3, d0	110 110		7.000 7.000	FEF - EN14304 - ST(+)+110 - ST(-)50 - MU 7000 FEF - EN 14304 - ST(+)+110 - ST(-)50 - MU 7000		
Armaflex LS Tubes (10-32 mm)	Elastomeric tubes	0,035		BL-s2, d0	110		7.000	FEF - EN 14304 - ST(+)+110 - ST(-)50 - MU 7000		
Armaceil Elastomeric Foam Tubes (6-19 mm)	Elastomeric tubes	0,036		B ₁ -s3, d0	110		10.000	FEF - EN14304 - ST(+)+110 - ST(-)50 - MU 10000		
Armaceil Elastomeric Foam Tubes (25-40 mm)	Elastomeric tubes	0,038		B ₁ -s3, d0	110		7.000	FEF - EN14304 - ST(+)+110 - ST(-)50 - MU 7000		
Armaflex ACE Tape 3 mm	Elastomeric tape	0,036		B-s3, d0	110		-	FEF - EN14304 - ST(+)+110		
Accoflex EX Sheets (13-25 mm)	Elastomeric sheets	0,038		C-s3, d0	110		7.000	FEF - EN14304 - ST(+)+110 - MU 7000		
LT Armaflex Industrial Tubes (13-25 mm) Sheets (13-50 mm)	Elastomeric sheets and tubes	0,036		CL-s3,d0 s3,d0	110		-50	7.000	90	FEF - EN14304 - ST(+)+110 - ST(-)50 - MU 7000
SH/Armaflex Tubes (9-11mm)	Elastomeric tubes	0,036		B ₁ -s3, d0	110					FEF - EN14304 - ST(+)+110
SH/Armaflex Tubes (12-45 mm)	Elastomeric tubes	0,040		B ₁ -s3, d0	110					FEF - EN14304 - ST(+)+110
SH/Armaflex Tape (3 mm)	Elastomeric tape	0,040		B-s3, d0	110					FEF - EN14304 - ST(+)+110
SH/Armaflex Sheets (9-10 mm)	Elastomeric sheets	0,040		C-s3, d0	110					FEF - EN14304 - ST(+)+110
SH/Armaflex Tubes (46-60 mm)	Elastomeric tubes	0,040	C ₁ -s3, d0	110				FEF - EN14304 - ST(+)+110		
Armaflex HP Tubes (10 mm)	Elastomeric tubes	0,036	C ₁ -s3, d0	110				FEF - EN14304 - ST(+)+110		
Armaflex HP Tubes (13 - 38 mm) Tape 3 mm	Elastomeric tubes and tape	0,040	C ₁ -s3, d0 B-s3,d0	110				FEF - EN14304 - ST(+)+110		
Armaflex Ultima Tubes (9-32 mm) Sheets (3-9 mm)	Elastomeric sheets, tubes and tape	0,040	B ₁ -s1, d0 B-s1, d0	110		7.000	300	FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 7000		
Armaflex Ultima Sheets (10-50 mm)	Elastomeric sheets	0,040	B-s2, d0	110		7.000		FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 7000		
Armaflex Rail SD Sheets (3 mm) Sheets (6-25 mm)	Elastomeric sheets and tape	0,040	B-s1, d0 B-s2, d0	110		5.000		FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 5000		
Armaflex Rail SD Tubes (9-25 mm)	Elastomeric tubes	0,040	B ₁ -s1, d0	110				FEF - EN14304 - ST(+)+110 - ST(-)50 - CL 300 - MU 5000		

This Annex consists of 2 pages and is valid until 2016-10-31. The validity can be prolonged by seal of the GSH certification body.

Celle, 2015-06-30
Revised : Celle, 2015-08-27


Corth Siegfried
Manager of the Certification Body

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Annex 2 of the Certificate No. 0919-CPR- 0543-FEF-12-2.-R5.e

Product name	Description	Thermal conductivity λ_D at 0 °C W/mK	Thermal conductivity λ_D at 40 °C W/mK	Reaction to fire Euroclass	Maximum service temp. (ST(+)) °C	Minimum service temp. (ST(-)) °C	Water vapour resistance factor (MU)	Soluble ions/pH (CL)	Designation code of manufacturer
Armaflex Duct PLUS Sheets (9-32mm)	Elastomeric sheets	0,036		B-s3, d0	110		7.000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Arma-Chek Silver AF Tubes (AF1-AF4, 9-25 mm)	Elastomeric tubes with coating	0,033		C1-s3, d0	110				FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek Silver AF Tubes (AF5-AF6, 25-32 mm)	Elastomeric tubes with coating	0,036		C1-s3, d0	110	-50	15.000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek Silver AF Sheets (13-25 mm)	Elastomeric sheets with coating	0,033		C-s3, d0	110				FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Elastomeric Tape (3 mm)	Elastomeric tape	0,033		B-s3, d0	110		10.000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 10000

This Annex consists of 2 pages and is valid until 31.10.2016. The validity can be prolonged by seal of the GSH and signature of manager of the certification body.

Celle, 2015-06-30 / Revised : 27.08.2015


 Corth Siegfried
 Manager of the Certification Body

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