

 Damp Control 	<b>EC DECLARATION OF PERFORMANCE</b>	Number	5A/2012
		Date of issue	11.10.2012
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In accordance with Annex III of the Regulation (EU) No 305/2011 of the European Parliament: Construction Products



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1. Manufacturer:	Alpha Dam Sp. z o.o., PL-87-207 Dębowa Łąka 45
2. Product name:	<b>AlphaFlex waterproof roofing and waterproof cavity barrier tape from EPDM</b>
3. Roofing system:	Products exposed to extrinsic factors, can be preformed and mechanically fastened.
4. Intended use and scope of application:	AlphaFlex is made from rubber vulcanizate and intended for use where products are exposed to extrinsic factors. Fastening system: preforming, tailoring, bonding with mortar, gluing and mechanical fastening. AlphaFlex tape can be used on the roof as an insulation of complex details and also where a waterproof barrier must be created in a cavity between 2 brickwalls.
5. Declared technical parameters:	See Table no. 5 on page no. 2.
6. System of assessment and verification of constancy of performance of the construction product in accordance with Annex V:	2+
7.1. Manufacturing Quality Control certificate number:	Manufacturing Quality Control Certificate No. 1023 - CPD - 0446 F
7.2. Number and name of accredited MQC certifying body:	1023, <b>Institut pro testovani a certifikaci a.s.</b> , T. Bati 299, 764 21 Zlin, Czech Republic
8. Type testing entity:	<ol style="list-style-type: none"> <li>Polish Center for Testing and Accreditation, Gdańsk Branch, Test Report No. NR 93/H/2012 of 17 April 2012 with supplement of 17 April 2012 and 31 May 2012.</li> <li>Polish Center for Testing and Accreditation, Gdańsk Branch, Reaction to fire Classification Report No. 11/2012 of 17 April 2012.</li> <li>Building Research Institute, Building Materials Laboratory, Test Report No. LM00-0973/12/Z00NM of 18 April 2012.</li> <li>Polish Center for Testing and Accreditation, Gdańsk Branch, Test Report No. NR 140/H/2012 of 24 April 2012.</li> <li>Alpha Dam Sp. z o.o., Test Report from test 1/2012/AW of 21 June 2012.</li> </ol>

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5. Declared technical parameters of the building product:

Section	Property	Harmonized technical specification	Unit	Requirements / Minimal values
5.2.1	Visible faults	EN 13956:2006 Flexible sheets for waterproofing. Plastic and rubber sheets for roof waterproofing. Definitions and properties	-	None
5.2.2	Length		m	5 or 10 (+ 5%)
5.2.2	Width		mm	From 100 till 600mm (-0,5% till +1%)
5.2.2	Straightness		mm	≤ 50/10m
5.2.2	Effective thickness		mm	2,5 (± 5%)
5.2.2	Mass per unit area		kg/m <sup>2</sup>	3,3 (± 5%)
5.2.3	Water tightness		10 kPA Method B	Waterproof
5.2.5.2	Reaction to fire		class	E
5.2.6	Hail resistance: Hard base: Soft base:		m/s	≥ 22 ≥ 33
5.2.7	Joint stripping strength: In longitudinal direction: In transverse direction:		N/50mm	≥ 18 ≥ 18
5.2.7	Joint shearing strength: Transverse overlapping: Longitudinal overlapping:		N/50mm	≥ 150 ≥ 200
5.2.9	Tensile strength: In longitudinal direction: In transverse direction:		N/50mm	≥ 496 ≥ 532
5.2.9	Elongation In longitudinal direction: In transverse direction:		%	≥ 61,3 ≥ 54
5.2.10	Impact strength		mm	≥ 300
5.2.11	Static load resistance		kg	≥ 15
5.2.12	Tear resistance: In longitudinal direction: In transverse direction:		N	≥ 322 ≥ 351
5.2.14	Stability of dimensions: In longitudinal direction: In transverse direction:	%	≥ 0,1 ≥ 0,4	
5.2.15	Flexibility at low temperatures	°C	≤ - 30	
5.2.16	UV exposure	3000 h	No effects of aging or damage	