



DECLARATION OF PERFORMANCE

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In accordance with Annex III of the Regulation (EU) No 305/2011 of the European Parliament: Construction Products

1. Manufacturer: Alpha Dam Sp. z o.o., PL-87-207 Dębowa Łąka 45

2. Product name: **Rooftec Flex waterproof roofing and waterproof cavity barrier tape from EPDM**

3. Roofing system: Products exposed to extrinsic factors, can be preformed and mechanically fastened.

4. Intended use and scope of application: Rooftec Flex is made from rubber vulcanizate and intended for use where products are exposed to extrinsic factors. Fastening system: pre forming, tailoring, bonding with mortar, gluing and mechanical fastening. Rooftec Flex 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 brick walls.

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, **Institut pro testovani a certifikaci a.s.**, T. Bati 299, 764 21 Zlin, Czech Republic

1. Polish Centre 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.
2. Polish Centre for Testing and Accreditation, Gdańsk Branch, Reaction to fire Classification Report No. 11/2012 of 17 April 2012.
3. Building Research Institute, Building Materials Laboratory, Test Report No. LM00-0973/12/Z00NM of 18 April 2012.
4. Polish Centre for Testing and Accreditation, Gdańsk Branch, Test Report No. NR 140/H/2012 of 24 April 2012.
5. Alpha Dam Sp. z o.o., Test Report from test 1/2012/AW of 21 June 2012.

5. Declared technical parameters of the building product:

Section	Property	Harmonized technical specification	Unit	Requirements / Minimal values
5.2.1	Visible faults	EN 13956:2012 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 ²	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	