

DECLARATION OF PERFORMANCE

Declaration of Performance – DoP-ProtanFG15-E– v2017-1.1



EN13956 17 1213

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NR. DoP-Protan FG15-E

1	Unique identification code of the product-type:	Protan FG1,5
2	Identification of the construction product in accordance to article 11(4):	Protan FG 1,5mm Lot No.: see Roofing imprint.
	Intended use of the construction product :	Synthetic roof waterproofing sheet based on flexible polyolefins (FPO/TPO), reinforced with glass nonwoven according to EN 13956. <ul style="list-style-type: none"> Exposed sheets (mechanically fastened) Loose laid under load or other ballast
4	Contact address of the manufacturer in accordance to article 11(5):	Polyfin AG, Polyfinstraße 1, D-74909 Meckesheim, GERMANY
5	Authorised representative:	Protan AS, Baches vei 1, N-3413 Lier, NORWAY
6	System of assessment and verification of constancy of performance of the construction product as given in annex V:	System 2+
7	Declaration of performance for the construction product covered by a harmonised standard:	Notified factory production control certification body, SKZ, No.1213, performed the initial inspection of the manufacturing plant, the factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certification of conformity of the factory production control, Certificate of Conformity 1213-CPR-6642.
8	Construction Product covered by a European Technical Assessment:	Not relevant (See 7.)

9 Declared performance:

Essential characteristics	EN 13956:2012	Performance	Technical specification
External fire performance	EN 13501-5	F _{ROOF}	EN13956:2012
Reaction to fire	EN 13501-1	Class E	
Water vapour transmission property, μ	EN 1931 (B)	120.000	
Tensile strength L/T	EN 12311-2 (B)	≥ 5 N/mm ²	
Elongation L/T	EN 12316-2 (B)	≥ 300 %	
Joint peel resistance	EN 12316-2	≥ 300 N/50mm	
Joint shear resistance	EN 12317-2	≥ 400 N/50mm	
Resistance to impact :	Rigid substrate EN12691(A)	≥ 600 mm	
	Flexible substrate EN12691(B)	≥ 1500 mm	
Resistance to static load	EN 12730(A/B)	≥ 20 kg	
Hail resistance:	Rigid substrate EN 13583	≥ 23 m/s	
	Flexible substrate EN 13583	≥ 30 m/s	
Tear resistance	EN 12310-2	≥ 150 N	
Resistance to root penetration	EN 13948	no performance declared	
Dimensional stability	EN 1107-2	≤ 0,3%	
UV-radiation	EN 1297	pass (>5000h)	
Foldability at low temp	EN 495-5	≤ -40 °C	
Durability of water tightness with simulating ageing	EN 1296/EN1928 (B)	pass	
Durability of water tightness under chemical influence	EN 1847/EN1928 (B)	pass	
Exposure to bitumen	EN 1548	Pass	
Water tightness	EN1928 (B)	≥ 500 kPa	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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: Erik Bødtker Øyno, CEO, Protan AS

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Ecology, Health and Safety Information

A Safety Data Sheet following EC-Regulation 1907/2006, Article 31 is not needed to bring this product to the market, to transport or to use it. The product does not damage the environment when used as specified.

REACH

European Community Regulation on chemicals and their safe use: EC 1907/2006

This product is an article within the meaning of Regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use.

There are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

Protan Legal Notice

The details provided in this document, especially the recommended application and utilisation for the products and their system accessories, are based on Protan's current knowledge and experience of the products when properly stored, handled and installed under normal conditions according to Protan's recommendations. A warranty in respect of merchantability or of fitness for a particular utilisation, nor any liability arising out of any legal relationship whatsoever, cannot be inferred either from this information, or from any written or verbal recommendations, due to the differences in materials, substrates and actual site conditions in practice. The user of the product is responsible for the product's suitability for the intended application. Protan reserves the right to change product specifications without notice. Additionally, Protan's current sales and delivery terms are valid and applicable for all orders.

It is necessary for the user to always refer to the latest version of the relevant Product Data Sheet, which can be requested directly from Protan. All information provided, as well as technical and drawing data, complies with current technical standards and is based on Protan's knowledge and experience. In addition, national standards and regulations must be observed where appropriate.

FOR FURTHER INFORMATION:

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