

DECLARATION OF PERFORMANCE

Declaration of Performance – DoP310-RadonSafe-E – v2017-1.1



TG20179-11-1071

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NO. DoP310-ProtanRadonSafe-E

1	Unique identification code of the product-type:	Protan RadonSafe
2	Identification of the construction product in accordance to article 11(4):	The rolls are labelled individually with an unique serial number. NN/DD (production number/year) embossed directly on the membrane.
3	Intended use of the construction product :	Polyester reinforced flexible PVC-membrane for roofing and waterproofing
4	Contact address of the manufacturer in accordance to article 11(5):	Protan AS, Baches vei 1, N-3413 Lier, Norway
5	Authorised representative:	Not relevant (See 4.)
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:	EN 13956:2012 - Annex ZA SINTEF Building and Infrastructure, EU-Notified Body No1071 has perform initial inspection of the manufacturing plant and factory production control, initial type testing and continuous surveillance and sampling and testing of the product according to System 2+. TG20179-11-1071
8	Construction Product covered by a European Technical Assessment:	Not relevant (See 7.)

9. Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	UNIT	TEST METHOD
Thickness	0,8(-/+10%)	mm	EN1849:2009
Tensile Strength L/T	≥500/500	N/50mm	EN 12311-2:2000(A)
Elongation L/T	≥30/30	%	EN 12311-2:2000(A)
Tear Strength L/T	≥150/150	N/50mm	EN 12310-2:2000
Cold Flexibility	≤-30	°C	EN 495-5:2001
Dimensional Stability L/T	±1,0/±0,5	%	EN 1107-2:2001
Resistance to Static Load	≥15	kg	EN 12730:2001(A)
Water Vapor Resistance	≥5 x 10 ¹⁰	m ² sPa/kg	EN ISO 12572:2001
	≥10	S _d (m)	
Resistance to Impact:			
- Soft Substrate – Cylindrical	≤15	mm diameter	EN 126912001
- Rigid Substrate - Bullet	400	mm	EN 12691:2006(A)
Airtightness – construction	≤15	l/min	NBI-Method 167/01
Radon Permeability	≤ 2 x 10 ⁻⁸	m/s	SP- metode 3873
Radon Resistance	≥ 5.10 ⁷	s/m	SP- metode 3873

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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