

## DECLARATION OF PERFORMANCE

Declaration of Performance – DoP Infraplan P20-E – v2021-1.0



EN 13491: 1922 - CPR – 1299

EN 13967: 1020-CPR-010042861

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NO. DoP Protan Protect-20 -E

1	<b>Unique identification code of the product-type:</b>	Protan Protect 20
2	<b>Identification of the construction product in accordance to article 11(4):</b>	The rolls are labelled individually with an unique serial number.
3	<b>Intended use of the construction product:</b>	Homogenous PVC waterproofing membrane for - tunnels and basement tanking - underground structures.
4	<b>Contact address of the manufacturer in accordance to article 11(5):</b>	Protan AS, Baches vei 1, N-3413 Lier, Norway
5	<b>Authorised representative:</b>	Protan Turkey Yalıtım Sanayi ve Ticaret A.Ş. GOSB İhsan Dede Caddesi No:111/1 41400 Gebze/ KOCAELİ-TURKEY
6	<b>System of assessment and verification of constancy of performance of the construction product as given in annex V:</b>	System 2+
7	<b>Declaration of performance for the construction product covered by a harmonised standard:</b>	<b>EN 13491:2004/A1:2006 and EN 13967:2012</b> EU-Notified Bodies No 1922 / 1020 have issued <b>EC-Certificate of Conformity 1922-CPR-1299 / 1020-CPR-010042861</b> under System 2+, initial inspection of the manufacturing plant and factory production control, initial type testing and continuous surveillance and sampling and testing of the product.
8	<b>Construction Product covered by a European Technical Assessment:</b>	Not relevant (See 7.)

#### 9. Declared performance:

Essential characteristics	Performance	EN 13967:2012 EN13941:2004/A1:2006
Reaction to fire	Class E	EN 13501-1
Water tightness (10kPa)	Pass	EN 1928(A)
Tensile strength L/T	MLV ≥ 20/16 N/mm <sup>2</sup>	EN 12311-2(B)
Elongation L/T	MLV ≥ 250 %	EN 12311-2(B)
Resistance to impact	MLV ≥ 1500 mm	EN12691(A)
Tear resistance L/T	MLV ≥ 550/450 N	EN 12310-2
Joint peel resistance	MLV ≥ 600 N/50mm	EN 12316-2
Joint shear resistance	MLV ≥ 1800 N/50mm	EN 12317-2
Foldability at low temp	MLV ≤ -30 °C	EN 495-5
Dangerous substances	None	

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: Hege Gunnerud, Category & Product manager, 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).

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#### 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.*

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#### FOR FURTHER INFORMATION:

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