

Declaration of Performance

DoP-No: 7497 – v3



Protan FPO/TPO 1.5

1. Unique identification code of the product-type	Protan FPO/TPO 1.5
2. Identification of product	Lot number on label and product
3. Intended use	Plastic sheets for roof waterproofing Exposed roofs
4. Manufacturer	Protan AS Baches vei 1, N-3413 Lier, Norway
5. Authorised representative	-
6. System of AVCP	System 2+
7. Harmonised standard Notified body	EN 13956:2012 SINTEF 1071
8. European assessment document Notified body	-

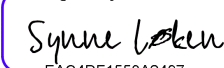
9. Declared performance

Essential characteristics	Performance	Test Method
Thickness	1.5 mm (-5% / +10%)	EN 1849-2
External Fire performance	F _{ROOF} (t)	EN 13501-5, CEN/TS 1187
Reaction to fire	Class E	EN 13501-1, EN ISO 11925-2
Water tightness (10kPa)	Pass	EN 1928 (B)
Tensile strength (L/T)	≥ 1050 N/50 mm	EN 12311-2 (A)
Elongation (L/T)	≥ 15%	EN 12311-2 (A)
Resistance to impact	≥ 600 mm	EN 12691 (A)
Resistance to static load	≥ 20 kg	EN 12730 (A)
Tear resistance (L/T)	≥ 400 N	EN 12310-2
Joint peel resistance	≥ 600 N/50 mm	EN 12316-2
Joint shear resistance	≥ 800 N/50 mm	EN 12317-2
Foldability at low temperature	≤ -25°C	EN 495-5
Dimensional stability (L/T)	≤ ± 0,5 %	EN 1107-2
Exposure to UV	Pass (Grade 0 after 5000 h exposure)	EN 1297
Dangerous substances	See Safety Data Sheet (SDS)	-

¹⁾ External fire performance is a property of the complete roof assembly and cannot be determined for the membrane alone. The membrane can be used in roof assemblies classified according to EN 13501-5. Details of applicable roof constructions are available upon request.

²⁾ L: Longitudinal (machine direction) T: Transverse (cross-machine direction)

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:

Signed by:

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Synne Løken
Senior Approvals & Quality Engineer

Lier

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