

Unique identification code of the product-type: **FLAGON Geo P
FLAGON Geo P 12**

Intended uses: **TPO membrane for waterproofing of reservoirs, dams and canals (EN 13361:2013; EN 13362:2013)
TPO membrane for use in the construction of liquid waste disposal sites, transfer station or secondary containment. Exposed application (EN 13492:2004+A1:2006)**

Manufacturer: **SOPREMA srl
Via Industriale dell'Isola, 3
24040 CHIGNOLO D'ISOLA (BG) - Italia
www.soprema.it**

Authorised representative: **Not applicable**

Systems of AVCP: **System 2+**

Harmonised standard: **EN 13361:2013; EN 13362:2013
EN 13492:2004+A1:2006**

Notifies bodies: **Notified Body No. 1085
OFI Technologie & Innovation GmbH**

Declared performances:

Essential characteristics	Test method	Performance	Harmonised technical specification
Tensile strength: - Longitudinal (MD) (N/mm ²) - Transversal (CMD) (N/mm ²)	EN ISO 527-3	> 9,5 (-0,50 N/mm²) > 9,5 (-0,50 N/mm²)	EN 13361:2013 EN 13362:2013
Resistance to static puncture (kN) thickness 1,0 mm thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm thickness 2,5 mm thickness 2,6 mm thickness 3,0 mm	EN ISO 12236	> 0,55 (-0,05 kN) > 0,80 (-0,05 kN) > 1,06 (-0,06 kN) > 1,27 (-0,07 kN) > 1,43 (-0,08 kN) > 1,63 (-0,08 kN) > 1,70 (-0,05 kN) > 1,75 (-0,07 kN) > 2,08 (-0,08 kN)	
Water permeability:	EN 14150	< 10⁻⁶ m³ m⁻² d⁻¹	
Durability: - Oxidation, variation in tensile properties (%) - Environmental stress cracking (h) - Weathering, variation in tensile properties after 10500 h (%)	EN 14575 ASTM D 5397 EN 12224	≤ 25 ≥ 200 ≤ 25	

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Water permeability:	EN 14150	< 10⁻⁶m³m⁻²d⁻¹	
Gas tightness	ASTM D 1434	NPD	
Durability: - Oxidation, variation in tensile properties (%) - Environmental stress cracking (h) -Weathering, variation in tensile propertie(%)	EN 14575 ASTM D 5397 EN 12224	≤ 25 ≥ 200 ≤ 25	
Dangerous substances	-	none	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Mr. BROCCANELLO Bruno, Managing Director**
Chignolo d'Isola, 27/10/2020

