

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

Intended uses: **TPO membrane for waterproofing of reservoirs, dams and canals (EN 13361:2013 – 13362:2013)**

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 – 13362:2013**

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 (-0,48 N/mm ²) > 9,5 (-0,48 N/mm ²)	EN 13361:2013 EN 13362:2013
Resistance to static puncture (kN) thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm	EN ISO 12236	> 0,80 (-0,05 kN) > 1,06 (-0,06 kN) > 1,27 (-0,07 kN) > 1,43 (-0,08 kN)	
Water permeability:	EN 14150	< 10⁻⁶ m³ m⁻² d⁻¹	
Durability: - Oxidation, variation in tensile properties (%) - Environmental stress cracking (h)	EN 14575 ASTM D 5397	≤ 25 ≥ 200	
- Weathering, variation in tensile properties after 10500 h (%)	EN 12224	≤ 25	

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, 01/10/2017**

