

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 13361:2004+A1:2006 - 13362:2005)**

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 13361:2004+A1:2006 – 13362:2005**

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

Declared performances:

Essential characteristics	Test method	Performance	Harmonised technical specification
Tensile strenght: - Longitudinal (MD) (N/mm <sup>2</sup> ) - Transversal (CMD) (N/mm <sup>2</sup> )	EN ISO 527-3	<b>&gt; 9,5 (-0,48 N/mm<sup>2</sup>) &gt; 9,5 (-0,48 N/mm<sup>2</sup>)</b>	<b>EN 13361:2004 + A1:2006 EN 13362:2005</b>
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	<b>&gt; 0,55 (-0,05 kN) &gt; 0,80 (-0,05 kN) &gt; 1,06 (-0,06 kN) &gt; 1,27 (-0,07 kN) &gt; 1,43 (-0,08 kN) &gt; 1,63 (-0,08 kN) &gt; 1,70 (-0,05 kN) &gt; 1,75 (-0,07 kN) &gt; 2,08 (-0,08 kN)</b>	
Water permeability:	EN 14150	<b>&lt; 10<sup>-6</sup> m<sup>3</sup> m<sup>-2</sup> d<sup>-1</sup></b>	
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	<b>≤ 25 ≥ 200 ≤ 25</b>	

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, 22/10/2019**

