

Unique identification code of the product-type: **FLAGON PM/SL**

Intended uses: **TPO membrane for waterproofing of tunnels and underground structures (EN 13491:2013)**

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 13491:2013**

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	> 13,3 (-0,24 N/mm ²) > 13,3 (-0,24 N/mm ²)	EN 13491:2013
Resistance to static puncture (kN) thickness 1,5 mm thickness 1,9 mm thickness 2,0 mm thickness 3,0 mm	EN ISO 12236	> 1,43 (-0,08 kN) > 1,81 (-0,11 kN) > 1,91 (-0,11 kN) > 2,86 (-0,16 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	

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**

