

No. WPSIT0023
Date: September, 27th 2016 – Rev. c

1 – Unique identification code of the product-type:

WPSIT0023

Commercial name(s):

FLAGON CSL

2 - Intended use(es):

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

3 – Manufacturer:

FLAG S.P.A
Via Industriale dell'Isola, 3
24040 CHIGNOLO D'ISOLA (BG)
www.soprema.it – www.flag-on.com

4 – Authorised representative:

Not applicable

5 – System(s) of assessment and verification of constancy of performance:

SYSTEM 2+

6a – Harmonised standard: **EN 13361:2013 – 13362:2013**

Notified body(ies):

The ofi CERT (Notified Body No. 1085):

- has performed the verification of the system of factory production control according to the system 2+**
- has issued the certificate of conformity of the factory production control no. 1085-CPR-0007.**

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7 – Declared performance:

Essential characteristics	Performance	Test method	Harmonised technical specification
Tensile strenght: - Longitudinal (MD) (N/mm ²) - Transversal (CMD) (N/mm ²)	$\geq 18,0$ (-0,42 N/mm ²) $\geq 18,0$ (-0,42 N/mm ²)	EN ISO 527-3	EN 13361:2013 EN 13362:2013
Resistance to static puncture (kN) thickness 1,0 mm thickness 1,1 mm thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 3,0 mm	$> 1,27$ (-0,07 kN) $> 1,37$ (-0,07 kN) $> 1,54$ (-0,09 kN) $> 1,91$ (-0,11 kN) $> 2,30$ (-0,14 kN) $> 2,60$ (-0,15 kN) $> 3,67$ (-0,17 kN)	EN ISO 12236	
Water permeability:	$< 10^{-6} \text{m}^3 \text{m}^{-2} \text{d}^{-1}$	EN 14150	
Durability: - Oxidation, variation in tensile properties (%) - Environmental stress cracking Weathering, variation in tensile properties after 10500 h (%)	≤ 25 not applicable ≤ 25	EN 14575 ASTM D 5397 EN 12224	

8 – Appropriate Technical Documentation and/or Specific Technical Documentation:

Not applicable

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:

Chignolo d'Isola, September, 27th 2016
Managing Director, Mr. BROCCANELLO Bruno
Flag S.p.A.

