

FLAGON SFc

TECHNICAL DATA SHEET APTDS-E-39-02

DESCRIPTION

FLAGON SFc is Synthetic PVC-P membrane obtained by cast process, dimensionally stabilized by glass fiber and coupled on the back sheet with 200 g/m² TNT polyester.

Manufactured in a plant certified UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system). Setting performed by applicators approved by Flag S.p.A. Finishing and accessories composed by elements produced and approved by Flag S.p.A.

FEATURES

- Weatherproof and UV resistance
- Dimensional stability
- Resistant to puncturing
- RAL colouring available on request for landscape or architectural purposes

AREA OF USE

ROOFING

- Total adherence on horizontal surfaces for:
 - gluing on insulating panels
 - gluing on concrete ceilings
 - gluing on existing waterproofing covering

PRODUCTION STANDARDS

	FLAGON SFc				
Thickness	1,20 mm	1,50 mm	1,80 mm	2,00 mm	2,40 mm
Width	1,65 m	1,65 m	1,65 m	1,65 m	1,65 m
Number of rolls on each pallet	16	16	12	12	12
Length	20 m	20 m	20 m	20 m	20 m
Colour (surface / underside)	LIGHT GREY / TNT				

CE MARKING

Unique identification code of the product-type: WPSIT0048

FLAGON SFc membranes are produced by the FLAG Spa factory (SOPREMA group) in Villa Santo Stefano are CE marked no.1085-CPR-018 in accordance with EN 13956:2012.

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PROPERTIES

Properties	FLAGON SFc					Test method
	SFc 1.20	SFc 1.50	SFc 1.80	SFc 2.00	SFc 2.40	
Thickness (mm)	1.20	1.50	1.80	2.00	2.40	EN 1849-2
Weight (kg/m ²)	1.70	2.00	2.35	2.60	3.10	EN 1849-2
Tensile strength (N/5cm)	≥ 650	≥ 700	≥ 800	≥ 900	≥ 1100	EN 12311-2
Elongation to break (%)	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	EN 12311-2
Tear resistance (N)	≥ 150	≥ 170	≥ 180	≥ 200	≥ 220	EN 12310-2
Resistance to impact (mm)	≥ 450	≥ 800	≥ 900	≥ 1250	≥ 1500	EN 12691
Cold bending (°C)	≤ - 25	≤ - 25	≤ - 25	≤ - 25	≤ - 25	EN 495-5
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)	waterproof	waterproof	waterproof	waterproof	waterproof	EN 1928 met. B
Dimensional stability after 6 hours at 80°C (%)	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	EN 1107-2
Resistance to artificial weathering (UV)	no surface cracking	no surface cracking	no surface cracking	no surface cracking	no surface cracking	EN 1297
Resistance to roots penetration	no penetration	no penetration	no penetration	no penetration	no penetration	EN 13948
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20	EN 12730
Fire resistance	E	E	E	E	E	EN ISO 11925-1 EN 13501-1

(All values are nominal)