



WATERPROOFING

APPLICATIONS

ROOFING

FLAGON SRF

TECHNICAL DATA SHEET APTDS-E-110-01

DESCRIPTION

Synthetic membrane of plasticized PVC obtained by cast process, reinforced with a polyester mesh and coupled on the back sheet with a non-woven polyester felt of 200 g/m2. 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

- Resistant to wind stress
- High resistance to weathering and UV rays
- High mechanical resistance
- Resistant to puncturing
- RAL colouring available on request for landscape or architectural purposes

AREA OF USE

ROOFING

- Exposed roof, with mechanical fastening system
- Mixed solution: mechanical fastening system + fully adhered system

PRODUCTION STANDARDS

	FLAGON SRF			
Thickness	1,20 mm	1,50 mm	1,80 mm	2,00 mm
Width cast process	1,60 m	1,60 m	1,60 m	1,60 m
Number of rolls on each pallet	16	16	12	12
Length	20 m	20 m	20 m	20 m
Colour (surface / underside)	LIGHT GREY / TNT			

CE MARKING

Unique identification code of the product-type: WPSIT0055

FLAGON SRF 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 SRF				Test method
	SRF 1.20	SRF 1.50	SRF 1.80	SRF 2.00	
Thickness (mm)	1.20	1.50	1.80	2.00	EN 1849-2
Weight (kg/m ²)	1,70	2,00	2,35	2,60	EN 1849-2
Tensile strength (N/5cm)	≥ 1100	≥ 1100	≥ 1100	≥ 1100	EN 12311-2
Elongation to break (%)	≥ 15	≥ 15	≥ 15	≥ 15	EN 12311-2
Tear resistance (N)	≥ 200	≥ 200	≥ 200	≥ 200	EN 12310-2
Impact resistance on rigid support (mm)	≥ 450	≥ 800	≥ 900	≥ 1250	EN 12691
Cold bending (°C)	≤ - 25	≤ - 25	≤ - 25	≤ - 25	EN 495-5
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)	waterproof	waterproof	waterproof	waterproof	EN 1928 met. B
Dimensional stability after 6 hours at 80°C (%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	EN 1107-2
Resistance to artificial weathering (UV)	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	EN 13948
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	≥ 20	EN 12730
Fire resistance	E	E	E	E	EN ISO 11925-1 EN 13501-1

(All values are nominal)

