

PRODUCT DATA SHEET

DESCRIPTION

FLAGON® SRF is a Synthetic PVC-P membrane reinforced by polyester mesh and coupled on the back sheet with non-woven geotextile. This compound contains special pigments, they confer to the membrane a white colouring and a high solar reflection index (SRI). FLAGON® SRF is featured by a superior resistance to weather agents and UV rays on all the thicknesses. Manufactured in a plant certified by UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system). Setting performed by applicators approved by Soprema srl. Finishing and accessories composed by elements produced and approved by Soprema srl.

STORAGE & HANDLING

Rolls must be stored in upright position, with selvedge side on top to prevent damage. Store rolls in a clean dry location and cover as necessary to protect from any environmental impact such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of FLAGON® SRF.

USER APPLICATION

FLAGON® SRF can be used in single ply or 2-ply, vertically and horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA's Technical Manuals in force.

ADVANTAGES

- High solar reflection index (SRI)
- Resistant to wind stress
- Weatherproof and UV resistance
- High mechanical resistance
- Resistant to puncturing



HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.

COMPOSITION & PACKAGING

PROPERTY	FLAGON® SRF		
	1.5 mm	1.8 mm	2.0 mm
Thickness	1.5 mm	1.8 mm	2.0 mm
Roll dimension	1.6 x 20 m		
Roll weight	2.0 kg / m ²	2.0 kg / m ²	2.6 kg / m ²
Rolls per pallet	16 Rolls	12 Rolls	12 Rolls

TECHNICAL PROPERTIES

PROPERTY	STANDARDS	FLAGON® SRF 1.5	FLAGON® SRF 1.8	FLAGON® SRF 2.0
Tensile strength	EN 12311-2	≥ 1100N / 5 cm	≥ 1100N / 5 cm	≥ 1100N / 5 cm
Elongation to break	EN 12311-2	≥ 15 %	≥ 15 %	≥ 15 %
Tear resistance	EN 12310-2	≥ 200 N	≥ 200 N	≥ 200 N
Resistance to impact	EN 12691	≥ 800 mm	≥ 900 mm	≥ 1250 mm
Cold bending	EN 495-5	≤ - 25 °C	≤ - 25 °C	≤ - 25 °C
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)	EN 1928 met. B	Waterproof	Waterproof	Waterproof
Dimensional stability	EN 1107-2	≤ 0.5 %	≤ 0.5 %	≤ 0.5 %
Resistance to accelerated aging	EN 1297	no cracking	no cracking	no cracking
Resistance to static punching	EN 12730	≥ 20 kg	≥ 20 kg	≥ 20 kg
Fire resistance	EN ISO 11925-2 EN 13501-1	E	E	E
Solar reflection index (SRI)	ASTM E 1980	97	97	97

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal.*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

