

FLAGON SR/ST SC

Description

Membrane composed of flexible PVC and a polyester reinforcement. The top has an embossed structure.

Used as single layer waterproofing where an increased slip resistance is desired.

The membrane is distinguished by a very high resistance to weathering (UV-rays, ...), humidity, heat and with a high resistance to puncture.

Composition

Material	flexible PVC
Reinforcement	polyester

Packing

Membrane thickness (mm)	1,2	1,5	1,8	2,0
Length of the roll (m)	20	20	20	20
Width of the roll (m)	1,05 / 1,60 / 2,10			
Mass of the roll (kg)	32 / 48 / 63	38 / 58 / 76	45 / 69 / 90	50 / 77 / 101
Rolls/pallet	28 / 14 / 14	18 / 14 / 9	18 / 14 / 9	18 / 9 / 9

Characteristics

Membrane thickness (mm) (EN 1849-2)	MDV	1,2	1,5	1,8	2,0
Mass (kg/m ²) (EN 1849-2)	MDV	1,50	1,80	2,15	2,40
Maximum tensile force (N/50 mm) (EN 12311-2 met A)	MLV	1100			
Elongation at maximum tensile force (%) (EN 12311-2 met A)	MLV	15			
Resistance to tear (N) (EN 12310-2)	MLV	200			
Resistance to impact (mm) (EN 12691 met A)	MLV	450	800	900	1250
Foldability at low temperature (°C) (EN 495-5)	MLV	-25			
Peel resistance joint (N/50 mm) (EN 12316-2)	MLV	200			
Shear resistance joint (N/50 mm) (EN 12317-2)	MLV	600 (rupture outside joint)			
Watertightness (EN 1928 met B)		pass			
Dimensional stability (%) (EN 1107-2)	MLV	0,5			
Durability: exposure to UV, heat and water (EN 1297)		grade 0			
Resistance to root penetration (EN 13948)		conform			
Resistance to static loading (kg) (EN 12730 met A)	MLV	20			
Reaction to fire (EN 11925-2 / EN 13501-1)		E			

MDV = manufacturer declared value / MLV = manufacturer limiting value / NPD = no performance determined

Installation

Mechanical applied waterproofing system.

The overlaps need to be welded with hot air.

The membrane is applied in conjunction with accessories from Flag.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

For more information, please refer to the relevant safety data sheet.

Quality-, Environment- and Safety 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 and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.