

FLAGON EP/PR SC

Description

Membrane composed of modified polyolefin (TPO) and a polyester reinforcement.
Used as single layer waterproofing.

The membrane is distinguished by a very high resistance to weathering and UV-rays and with a high resistance to puncture.

Composition

Material	modified polyolefin (TPO)
Reinforcement	polyester

Packing

Membrane thickness (mm)	1,5	1,8	2,0
Length of the roll (m)	20	20	20
Width of the roll (m)	1,05 / 2,10		
Mass of the roll (kg)	40 / 80	48 / 96	53 / 107
Rolls/pallet	46 / 23	36 / 18	36 / 18

Characteristics

Membrane thickness (mm) (EN 1849-2)	MDV	1,5	1,8	2,0
Mass (kg/m ²) (EN 1849-2)	MDV	1,90	2,28	2,54
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 (nail shank) (N) (EN 12310-2)	MLV	300		
Resistance to impact (mm) (EN 12691 met A)	MLV	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*		
Watertightness (EN 1928 met B)		conform		
Dimensional stability (%) (EN 1107-2)	MLV	0,5		
Durability: exposure to UV, heat and water (EN 1297)		grade 0		
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

*rupture outside joint

Installation

Mechanical applied waterproofing system.

The overlaps need to be welded with hot air.

The membrane is applied in conjunction with accessories from Flag.

Certifications

- P-mark SC0931-09
 - FM approval for systems described on roofnav.com
 - Meets classification Broof (t2-t3) according to EN 13501 part 5.
- See certificates for more information.

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**.

SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

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