

FLAGON SV

Description

Membrane composed of flexible PVC and a fiberglass reinforcement.

Used as single layer waterproofing.

It is also suitable for waterproofing upstands.

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

Composition

Material	flexible PVC
Reinforcement	fiberglass

Packing

Membrane thickness (mm)	1,2	1,5	1,8	2,0
Length of the roll (m)	20 (25)	20	20	20
Width of the roll (m)	2,10			
Mass of the roll (kg)	63 (79)	76	90	110
Rolls/pallet	14	14	14	14

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/mm ²) (EN 12311-2 met B)	MLV	9,0			
Elongation at maximum tensile force (%) (EN 12311-2 met B)	MLV	200			
Resistance to tear (nail shank) (N) (EN 12310-2)	MLV	110	135	160	170
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	430*	540*	640*	720*
Watertightness (EN 1928 met B)		conform			
Dimensional stability (%) (EN 1107-2)	MLV	0,1			
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

*rupture outside joint

Installation

Loose-laid in a system with heavy surface protection.

The membrane is adhered when used on up-stands.

The overlaps need to be welded with hot air.

The membrane is applied in conjunction with accessories from Flag.

Certifications

- ATG 2817 (B)
- CTG 604 (NL)
- BBA 97-3430 (UK)

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**.

