

FLAGON SFC

Description

Membrane composed of flexible PVC and a fiberglass reinforcement coupled on the back (except the overlap) with a fleece. Used as single layer waterproofing.

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	fiberglass
Finish lower side	fleece

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)	1,65			
Mass of the roll (kg)	56	66	78	86
Rolls/pallet	16	16	12	12

Characteristics

Membrane thickness (mm) (EN 1849-2)	MDV	1,2	1,5	1,8	2,0
Mass (kg/m ²) (EN 1849-2)	MDV	1,70	2,00	2,35	2,60
Maximum tensile force (N/50 mm) (EN 12311-2 met A)	MLV	650	700	800	900
Elongation at maximum tensile force (%) (EN 12311-2 met A)	MLV	80			
Resistance to tear (nail shank) (N) (EN 12310-2)	MLV	150	170	180	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	520*	560*	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 1			
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

Fully adhered waterproofing system.

The fleece on the back can serve as an integrated separation layer.

The overlaps need to be welded with hot air.

The membrane is applied in conjunction with accessories from Flag.

Certifications

- BBA 97/3430 (UK)

See certificate 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.

Contact: www.Soprema.com