

## FLAGON Sb

### Description

Membrane composed of flexible PVC 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
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)	2,10			
Mass of the roll (kg)	78	95	111	122
Rolls/pallet	8	8	8	8

### Characteristics

Membrane thickness (mm) (EN 1849-2)	MDV	1,2	1,5	1,8	2,0
Mass (kg/m <sup>2</sup> ) (EN 1849-2)	MDV	1,86	2,25	2,64	2,90
Maximum tensile force (N/50 mm) (EN 12311-2 met A)	MLV	1000			
Elongation at maximum tensile force (%) (EN 12311-2 met A)	MLV	40			
Resistance to tear (nail shank) (N) (EN 12310-2)	MLV	200	250	270	300
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	700*	800*	1000*	1100*
Watertightness (EN 1928 met B)		conform			
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			
Water vapour diffusion-equivalent (m) (EN 1931)	MDV	24	30	36	40
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

- **ATG requested (B)**
- **CTG 604 (NL)**
- **BBA 97/3430 (UK)**
- **Meets classification Broof (t1, t4) according to EN 13501 part 5.**
- **See certificates for more information.**

## Special indications

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### 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**.

