

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.

Characteristics

Composition	Standard	Unit	Value	Tolerance
Material			flexible PVC	
Finish lower side			fleece	
Technical characteristics				
Membrane thickness	EN 1849-2	mm	1,5	1,8 2,0 ± 5 %
Mass	EN 1849-2	kg/m ²	2,25	2,64 2,90
Tensile force (L / T)	EN 12311-2	N/50 mm	≥ 1000	
Elongation at maximum tensile force (L / T)	EN 12311-2	%	≥ 40	
Tear resistance (L / T)	EN 12310-2	N	≥ 250	≥ 270 ≥ 300
Resistance to impact	EN 12691-A	mm	≥ 800	≥ 900 ≥ 1250
Foldability at low temperature	EN 495-5	°C	≤ -25	
Peel resistance joint	EN 12316-2	N/50 mm	≥ 200	
Shear resistance joint	EN 12317-2	N/50 mm	≥ 800*	≥ 1000* ≥ 1100*
Watertightness	EN 1928		pass	
Dimensional stability	EN 1107-2	%	≤ 1,0	
Durability: exposure to UV, heat and water	EN 1297		grade 0	
Resistance to root penetration	EN 13948		conform	
Resistance to static loading	EN 12730-B	kg	≥ 20	
Reaction to fire	EN 11925-2 / EN 13501-1		E	
Water vapour diffusion resistance coefficient (μ)	EN 1931		20000	± 30 %
Packing				
Length of the roll	EN 1848-2	m	≥ 20	≥ 20 ≥ 20
Width of the roll	EN 1848-2	m		≥ 2,10
Mass/roll		kg	± 95	± 111 ± 122
Rolls/pallet			8	8 8

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 2851 (B)
- CTG 604 (NL)
- BBA 97/3430 (1,5 mm) (UK)
- Systems with this product as waterproofing can meet classification Broof (t1, t4) according to EN 13501 part 5. Contact Soprema for more information concerning fire classifications of roofing systems. 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**.

