

FLAGON EP/PV

Description

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

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 | modified polyolefin (TPO) |
| Reinforcement | fiberglass |

Packing

| | | | | |
|-------------------------|------|-----|-----|-----|
| Membrane thickness (mm) | 1,2 | 1,5 | 1,8 | 2,0 |
| Length of the roll (m) | 25 | 20 | 20 | 20 |
| Width of the roll (m) | 2,10 | | | |
| Mass of the roll (kg) | 60 | 59 | 71 | 78 |
| Rolls/pallet | 23 | 23 | 18 | 18 |

Characteristics

| | | | | | |
|---|-----|---------|------|------|------|
| Membrane thickness (mm) (EN 1849-2) | MDV | 1,2 | 1,5 | 1,8 | 2,0 |
| Mass (kg/m ²) (EN 1849-2) | MDV | 1,15 | 1,40 | 1,68 | 1,85 |
| 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 | 550 | | | |
| Resistance to tear (nail shank) (N) (EN 12310-2) | MLV | 130 | 165 | 195 | 220 |
| Resistance to impact (mm) (EN 12691 met A) | MLV | 450 | 800 | 900 | 1250 |
| Foldability at low temperature (°C) (EN 495-5) | MLV | -40 | | | |
| Peel resistance joint (N/50 mm) (EN 12316-2) | MLV | 200 | | | |
| Shear resistance joint (N/50 mm) (EN 12317-2) | MLV | 325* | 400* | 490* | 540* |
| 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 overlaps need to be welded with hot air.

The membrane is applied in conjunction with accessories from Flag.

Certifications

ATG 2850 (B); CTG 603 (NL); BBA 00/3750 (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**.

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