

## FLAGON EP

### Description

Membrane composed of modified polyolefin (TPO).  
Used for detailing work.  
The membrane is distinguished by a very high resistance to weathering and UV-rays.

### Characteristics

| Composition                                       | Standard                | Unit  | Value                     | Tolerance |
|---|-------------------------|-------|---------------------------|-----------|
| Material  |                         |       | modified polyolefin (TPO) |           |
| Reinforcement                                     |                         |       | -                         |           |
| Technical characteristics                         |                         |       |                           |           |
| Membrane thickness                                | EN 1849-2               | mm    | 1,5                       | ± 5 %     |
| Mass  | EN 1849-2               | kg/m² | 1,40                      |           |
| Tensile force (L / T)                             | EN 12311-2              | N/mm² | ≥ 9                       |           |
| Elongation at maximum tensile force (L / T)       | EN 12311-2              | %     | ≥ 550                     |           |
| Tear resistance (L / T)                           | EN 12310-2              | N     | ≥ 165                     |           |
| Resistance to impact                              | EN 12691-A              | mm    | ≥ 800                     |           |
| Foldability at low temperature                    | EN 495-5                | °C    | ≤ -25                     |           |
| Watertightness                                    | EN 1928                 |       | pass                      |           |
| Durability: exposure to UV, heat and water        | EN 1297                 |       | grade 0                   |           |
| 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                 |       | 150000                    | ± 30 %    |
| Packing   |                         |       |                           |           |
| Length of the roll                                | EN 1848-2               | m     | ≥ 20                      |           |
| Width of the roll                                 | EN 1848-2               | m     | ≥ 1,05                    |           |
| Mass/roll   |                         | kg    | ± 30                      |           |
| Rolls/pallet                                      |                         |       | 46                        |           |

NPD = no performance determined

### Installation

Applied for detailing work in combination with modified polyolefin (TPO) waterproofing membranes.  
The overlaps need to be welded with hot air.  
The membrane is applied in conjunction with accessories from Flag.

### 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**.