





**APPLICATIONS** 

**ROOFING** 

## **FLAGON SRF**

TECHNICAL DATA SHET ANZ-TDS-35-FLAGON SRF

#### **DESCRIPTION**

Synthetic membrane of plasticized PVC obtained by cast process, reinforced with a polyester mesh and coupled on the back sheet with a non-woven polyester felt of 200 g/m2. Manufactured in a plant

UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system).

Setting performed by applicators approved by Flag S.p.A. Finishing and accessories composed by elements produced and approved by Flag S.p.A.

#### **FEATURES**

- · Resistant to wind stress
- · High resistance to weathering and UV rays
- · High mechanical resistance
- Resistant to puncturing
- RAL colouring available on request for landscape or architectural purposes

#### **AREA OF USE**

#### **ROOFING**

- · Exposed roof, with mechanical fastening system
- Mixed solution: mechanical fastening system + fully adhered system

#### PRODUCTION STANDARDS

|                                | FLAGON SRF       |         |         |         |  |
|--------------------------------|------------------|---------|---------|---------|--|
| Thickness                      | 1,20 mm          | 1,50 mm | 1,80 mm | 2,00 mm |  |
| Width cast process             | 1,60 m           | 1,60 m  | 1,60 m  | 1,60 m  |  |
| Number of rolls on each pallet | 16               | 16      | 12      | 12      |  |
| Length                         | 20 m             | 20 m    | 20 m    | 20 m    |  |
| Colour (surface / underside)   | LIGHT GREY / TNT |         |         |         |  |

#### **CE MARKING**

FLAGON SRF membranes are produced by the FLAG Spa factory (SOPREMA group) in Villa Santo Stefano are CE marked no.1085-CPR-018 in accordance with EN 13956:2012.

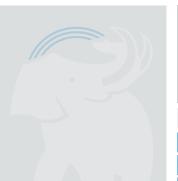














**APPLICATIONS** 

**ROOFING** 

# **FLAGON SRF**

TECHNICAL DATA SHEET ANZ-TDS-35-FLAGON SRE

### **PROPERTIES**

| Duranting  | FLAGON SRF             |                        |                        |                        |                              |  |
|--|------------------------|------------------------|------------------------|------------------------|------------------------------|--|
| Properties   | SRF 1.20               | SRF 1.50               | SRF 1.80               | SRF 2.00               | Test method                  |  |
| Thickness (mm)                                       | 1.20                   | 1.50                   | 1.80                   | 2.00                   | EN 1849-2                    |  |
| Weight (kg/m²)                                       | 1,70                   | 2,00                   | 2,35                   | 2,60                   | EN 1849-2                    |  |
| Tensile strength (N/5cm)                             | ≥ 1100                 | ≥ 1100                 | ≥ 1100                 | ≥ 1100                 | EN 12311-2                   |  |
| Elongation to break (%)                              | ≥ 15                   | ≥ 15                   | ≥ 15                   | ≥ 15                   | EN 12311-2                   |  |
| Tear resistance (N)                                  | ≥ 200                  | ≥ 200                  | ≥ 200                  | ≥ 200                  | EN 12310-2                   |  |
| Impact resistance on rigid support (mm)              | ≥ 450                  | ≥ 800                  | ≥ 900                  | ≥ 1250                 | EN 12691                     |  |
| Cold bending (°C)                                    | ≤ - 25                 | ≤ - 25                 | ≤ - 25                 | ≤ - 25                 | EN 495-5                     |  |
| Hydrostatic pressure resistance (6 hours at 0,5 Mpa) | waterproof             | waterproof             | waterproof             | waterproof             | EN 1928 met. B               |  |
| Dimensional stability after 6 hours at 80°C (%)      | ≤ 0.5                  | ≤ 0.5                  | ≤ 0.5                  | ≤ 0.5                  | EN 1107-2                    |  |
| Resistance to artificial weathering (UV)             | no surface<br>cracking | no surface<br>cracking | no surface<br>cracking | no surface<br>cracking | EN 1297                      |  |
| Resistance to roots penetration                      | no penetration         | no penetration         | no penetration         | no penetration         | EN 13948                     |  |
| Resistance to static punching (kg)                   | ≥ 20                   | ≥ 20                   | ≥ 20                   | ≥ 20                   | EN 12730                     |  |
| Fire resistance                                      | E                      | E                      | E                      | E                      | EN ISO 11925-1<br>EN 13501-1 |  |

(All values are nominal)

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.

Note: Field service where provided, does not constitute supervisory responsibility. Suggestions made by Soprema Australia Pty Ltd either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Soprema Australia Pty Ltd are responsible for carrying out procedures appropriate to a specific application.

| <b>DOCUMENT</b> ( | CONTROL    |  |  |
|-------------------|------------|--|--|
| Product           | Flagon SRF |  |  |
| Initial Issue     | 30.10.2019 |  |  |
| Amendment         |            |  |  |





Author



JJ

