

FLAGON EP/S



WATERPROOFING

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

TECHNICAL DATA SHEET

ANZ-TDS-131-FLAGON EP/S

DESCRIPTION

FLAGON EP/S is a synthetic membrane manufactured in TPO modified polyolefin.

FLAGON EP/S is designed for roofing applications. It is resistant to ultraviolet rays.

FIELD OF APPLICATION

Designed for single-ply application on detailing work, FLAGON EP/S for the following general applications:

- General roofing
- Green roofs
- Planter boxes
- Plaza decks
- Balconies

Service life in excess of 35 years

Cold applied, flameless solution

High resistant to weathering & UV rays

SRI of 99 (white)

APPLICATION METHOD

On the main surface, FLAGON EP/S is fully adhered or mechanical fastened, or loose laid.

The overlaps are heat welded using a leister automatic welder or a hot air gun.

INSTALLATION PROCEDURE

SUBSTRATE

- No work should start until all surfaces are smooth, dry, and free of ice, snow or any other substance that may prevent the membrane from adhering properly.
- Substrate must have a minimum 1% gradient to ensure that water drains to drainage outlets.
- Concrete substrate must be fully cured before application of the membrane.
- Concrete substrate must have a Concrete Surface Profile (CSP) between 2 and 4 as per International Concrete Repair Institute.
- Adhesion test is recommended prior to installation of membrane.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator.

INSTALLATION

- Upstands are waterproofed with FLAGON EP/S membrane using FLEXOCOL TPO V adhesive
- All penetrations and upturn details should be waterproof as per SOPREMA Installation Guides and detail drawings

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PACKAGING

SPECIFICATIONS	FLAGON EP/S
Thickness	1.5 mm
Roll dimensions	20 m x 1.05 m
Roll weight	32 kg
Rolls per pallet	46

PROPERTIES

PROPERTIES	STANDARDS	FLAGON EP/S
		1.5 mm
Weight (kg/m ²)	EN 1849-2	1.50
Tensile strength (N/mm ²)	EN 12311-2	≥ 10
Elongation to break (%)	EN 12311-2	≥ 550
Tear resistance (N)	EN 12310-2	≥ 80
Resistance to impact (mm)	EN 12691	≥ 600
Cold bending (°C)	EN 495-5	≤ - 35
Hydrostatic pressure resistance (6 hours at 0.5 Mpa)	EN 1928 met. B	waterproof
Resistance to artificial weathering (UV)	EN 1297	grade 0
Resistance to static punching (kg)	EN 12730	≥ 20
Fire resistance	EN ISO 11925-1 EN 13501-1	E

STORAGE AND HANDLING

If stored outdoors, cover with an opaque protection cover after removal of the delivery packaging.

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 and/or the contractor are responsible for checking the suitability of products for their intended use.



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