SOPRALENE FLAM
JARDIN CAP

TECHNICAL DATA SHEET

ANZ-TDS-41-SOPRALENE FLAM JARDIN CAP

WATERPROOFING

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

Compliance with AS 4654.1

Anti-root properties

High mechanical properties

High resistance to tear and puncture

High resistance to hydraulic pressure

DESCRIPTION

SOPRALENE FLAM JARDIN CAP is a flexible SBS elastomeric bitumen waterproofing membrane with a non-woven polyester reinforcement.

The topside of **SOPRALENE FLAM JARDIN CAP** is protected by slate chippings and the underside is covered by a thermofusible film.

SOPRALENE FLAM JARDIN CAP bitumen mass contains anti-root penetration properties for green roofs and complies with EN 13948 (FLL procedure).

FIELD OF APPLICATION

Designed to fit for single-ply or two-ply waterproofing assemblies, **SOPRALENE FLAM JARDIN CAP** membranes are used in vertically and horizontally waterproofing for the following general applications:

- Green roofing
- Plaza decks
- Planter boxes
- Retaining Walls

APPLICATION METHOD

SOPRALENE FLAM JARDIN CAP is fully heat welded using a propane torch or MINI MACADEN machine.

INSTALLATION PROCEDURE

SUBSTRATE

- No work should be started 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
- Do not install heat welded membranes directly onto combustible substrate
- Concrete substrate must be fully cured before application of the membrane
- Concrete substrate must have a Concrete Surface Profile (CSP) between 3 and 6 as per International Concrete Repair Institute
- Adhesion test is recommended prior to installation
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator

PRIMING

- When installed as top layer over base sheet membrane, primer is not required
- When installed over concrete or metal surface prime with ANTIROCK PRIMER at the rate specified in the TDS

HEAT WELDING

- Unroll membrane sheets onto the roof surface
- Starting at the low point of the roof, lay out the membrane to ensure the plies are installed perpendicular to the roof slope, shingled to prevent back-water laps
- Ensure specified side-laps and end-laps are maintained. End-laps should be staggered 1 m apart.
- As the membrane ply is unrolled, apply heat to the underside of the ply until the thermofusible plastic film melts sufficiently for full adhesion to the substrate, and full adhesion between plies
- For hand-held roof torches, continuously move the torch side-to-side across the underside of the roll to melt the bitumen while continuously unrolling sheet. While unrolling and heating the sheet, ensure approximately 6 to 12 mm of hot bitumen flows ahead of the roll, and there is 3 to 6 mm bleed out at all laps. Ensure all side-laps are fully adhered and sealed watertight.

SOPRALENE FLAM JARDIN CAP

TECHNICAL DATA SHEET

ANZ-TDS-41-SOPRALENE FLAM JARDIN CAP

WATERPROOFING

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

HEAT WELDING (CONT.)

- Adjust application methods to accommodate varying environmental conditions as necessary to achieve the desired results.
- At the 150 mm end-laps ensure a fully adhered watertight seal. Melt the thermofusible plastic film or embed granules and remove other membrane surfacing, where present, using a torch or hot-air welder.
- All penetrations und upturn details should be waterproof as per SOPREMA Installation Guides and detail drawings.

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

PACKAGING

SPECIFICATIONS	SOPRALENE FLAM JARDIN CAP
Thickness	3.2 mm
Roll dimensions	8 m × 1 m
Roll weight	35 kg
Rolls per pallet	30

PROPERTIES

PROPERTIES	TEST METHOD	SOPRALENE FLAM JARDIN CAP
Classification for external fire exposure (Note 1)	EN 13707:2004 + A2:2009	F_{ROOF} (t1,t2,t3,t4)
Root resistance		Conform
Peel resistance of joints (N / 50 mm)		≥ 100
Durability Flow resistance at elevated temperature after ageing		90°C
Durability Watertightness after ageing	EN 13969:2004	Conform
Resistance to static loading – Method B (kg)		15
Reaction to fire	EN 13707:2004 + A2:2009 EN 13969:2004	E
Watertightness		Conform
Resistance to impact – Method A (mm)		1000
Shear resistance of joints (N / 50 mm)		≥ 400
Flexibility at low temperature		-16°C
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)		≥ 550 x 400 30 x 30
Resistance to static loading – Method A (kg)		20
Resistance to tearing (N)		≥ 200
Dangerous substances (Notes 2 and 3)		Complies
Flow resistance at elevated temperature (MLV*)	EN 1110	100 °C
Dimensional stability (MLV*)	EN 1107-1	0.5 %

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.
Note 2 : This product does not contain asbestos or tar constituents.
Note 3 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It mustbe made according to national rules in force in the place of use.
*MLV = Manufacturer's Limiting Value: Minimum value as started by the manufacturer to be met during testing of type, internal quality control or external supervision with a confidence level of 95 %

SOPRALENE FLAM
JARDIN CAP

TECHNICAL DATA SHEET

WATERPROOFING

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

STORAGE AND HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outdoors, cover them 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 is responsible for checking the suitability of products for their intended use.

SOPREMA®

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

SOPREMA.COM.AU • +61 (3) 9221 6230