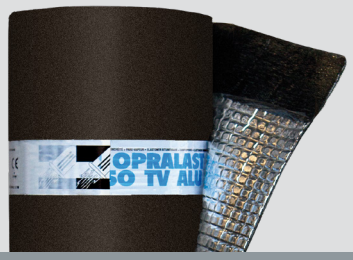
SOPRALAST® 50 TV ALU SANDED

SBS-Modified Bitumen Cap Sheet



PRODUCT DATA SHEET PDS10082 - REV 230627

APPLICATIONS

ROOFING

PRODUCT NUMBERS:

- 05151 - **32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll**

DESCRIPTION & FEATURES:

SOPRALAST 50 TV ALU SANDED is a SBS-modified bitumen membrane used in roofing assemblies. **SOPRALAST 50 TV ALU SANDED** is reinforced with a glass fiber scrim that is saturated and coated on both sides with a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen.

- SBS rubber polymer enhances the asphalt blend adding elongation, elasticity and flexibility to the sheet
- Topside is surfaced with a reflective aluminum foil, which is designed to improve UV resistance
- Manufactured using recycled asphalt shingles in formulation
- Sanded bottom surfacing improves bonding strength between system layers
- Meets or exceeds requirements of ASTM D6298, Type I

USES:

SOPRALAST 50 TV ALU SANDED is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Cap Ply[1]	N/A
Flashing Cap Ply[1]	N/A

[1] Refer to SOPREMA's SBS-Modified Bitumen Roofing Membrane Technical Manual

APPLICATION:

COLD ADHESIVE

Prior to installation, unroll **SOPRALAST 50 TV ALU SANDED** onto the roof surface and allow to relax. Place **SOPRALAST 50 TV ALU SANDED** in desired position and back roll the product. Apply approved cold adhesive following manufacturer specifications. **SOPRALAST 50 TV ALU SANDED** is then rolled into the cold adhesive and subsequently rolled with a weighted roller.

Refer to the SOPREMA SBS-Modified Bitumen Membrane Roofing Technical Manual for complete application guidelines.

STORAGE:

Store rolls in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

TESTING & APPROVALS:

CRRC RATED PRODUCT

FLORIDA BUILDING CODE

MIAMI-DADE COUNTY APPROVED

NOA # 20-0825.11

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

SUSTAINABILITY

COOL ROOF RATING*						
PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
SOPRALAST 50 TV ALU SANDED	0.87 initial	0.72 3 year	0.05 initial	0.10 3 year	93 initial	64 3 year

CRRC published results for Solar Reflectance, Thermal Emittance and SRI results were tested and evaluated in accordance with ASTM C1549, C1371, E1980, D7897 and the CRRC-1 Product Rating Program Manual

** CRRC Rapid Ratings. Refer to Cool Roof Ratings Council (CRRC).*

RECYCLED CONTENT POST-CONSUMER
10%

SOPREMA®

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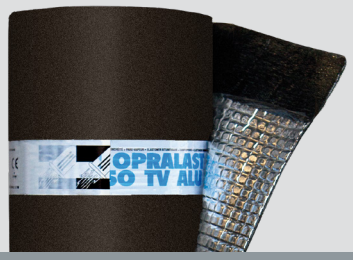

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APPLICATIONS

ROOFING

TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES	
PROPERTY	**VALUE**
Composition	Proprietary blend of bitumen and SBS polymers
ASTM Standard	D6298, Type I
Reinforcement	Glass Scrim
Top surfacing	Reflective foil
Back surfacing	Sanded
Selvage surfacing	Sanded
Selvage width, in (mm)	3.5 (89)

DIMENSIONS & MASS		
PROPERTY	**VALUE**	**ASTM TEST METHOD**
Length, ft (m)	32.8 (10.0)	D5147
Width, in (m)	39.4 (1.0)	D5147
Coverage,* ft² (m²)	96.6 (9.0)	D5147
Roll weight, lb (kg)	96 (43.4)	D5147
Rolls per pallet	25	D5147
Pallet weight, lb (kg)	2,450 (1,108)	D5147
Thickness (minimum), mils (mm)	150 (3.8)	D5147
Thickness (nominal), mils (mm)	157 (4.0)	D5147
Thickness (selvage), mils (mm)	138 (3.5)	D5147
Net mass per unit area, lb/100 ft² (g/m²)	88 (4,297)	D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	D5147

**Coverage rate as reported assumes installation using side and end lap recommendations.*

PHYSICAL PROPERTIES			
PROPERTY	**MD**	**XMD**	**ASTM TEST METHOD**
Peak load @ 0°F (-18°C), lbf/in (kN/m)	200 (35.2)	175 (30.8)	D5147
Elongation at peak load @ 0°F (-18°C), %	10	10	D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	95 (16.7)	95 (16.7)	D5147
Elongation at peak load @ 73.4°F (23°C), %	20	20	D5147
Ultimate Elongation @ 73.4°F (23°C), %	50	50	D5147
Tear strength @ 73.4°F (23°C), lbf (N)	190 (845)	205 (912)	D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.2	< 0.2	D5147
Compound stability, °F (°C)	230 (110)	230 (110)	D5147
Water absorption, %	< 1		D5147

Data is represented by average values, unless noted otherwise.