

# SOPRALENE<sup>®</sup> ULTRA-STICK<sup>®</sup> FR GR



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PD10428 REV.015421

## DESCRIPTION & FEATURES:

SOPRALENE ULTRA-STICK FR GR (fire retardant, granulated) is an SBS-modified bitumen cap ply for use in approved multi-ply membrane and flashing assemblies. SOPRALENE ULTRA-STICK FR GR is composed of a proprietary formulation of elastomeric styrene butadiene-styrene (SBS) polymer modified bitumen in combination with a specifically formulated, high tack self-adhesive bottom layer and is reinforced with a tough, dimensionally stable non-woven polyester mat. The topside is surfaced with ceramic coated granules and the underside is surfaced with a protective embossed split back release film that is removed during application.

## STORAGE:

Store boxed rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean, dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRALENE ULTRA-STICK FR GR.

## APPLICATION:

Prior to installation, unroll SOPRALENE ULTRA-STICK FR GR onto the roof surface and allow to relax. Place SOPRALENE ULTRA-STICK FR GR in desired position. Remove one side of the embossed split back release film and use hand pressure to adhere the exposed high tack bottom layer. Remove the other half of the release film and use a weighted roller to adhere the entire surface of the sheet. Refer to the SOPREMA SBS Roofing guide and additional application guidelines.



SELF-ADHERED

COOL ROOF RATING						
PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
	initial	3 year	initial	3 year	initial	3 year
SOPRALENE ULTRA-STICK FR GR Standard White granules (WH)	0.26 initial	0.23 3 year	0.87 initial	0.90 3 year	25 initial	23 3 year
SOPRALENE ULTRA-STICK FR GR Bright White granules (SG)	0.70 initial	0.62 3 year*	0.90 initial	0.90 3 year*	86 initial	75 3 year*

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

ASTM STANDARD	PRODUCT #	ROLL WIDTH (in)	ROLL LENGTH (ft)	COVERAGE (ft <sup>2</sup> )	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
<b>D6164</b> Type 1, Grade G	05020 (WH) 05021 (SG)	<b>39.4</b> (1.0 m)	<b>32.8</b> (10.0 m)	<b>97.9</b> (9.1 m <sup>2</sup> )	<b>138</b> (3.5 mm)	<b>100</b> (45.5 kg)	<b>16</b> (1,650 lb/ 749 kg)

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



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## SHEET PROPERTIES

Reinforcement	Non-woven Polyester
Top Surfacing	Ceramic Coated Granules
Back Surfacing	Embossed Split Back Release Film
Selvage Surfacing	Selvage Release Film
Selvage Width, in (mm)	3 (76)
End Lap, in (mm)	6 (152)

PROPERTY	MD	XMD	TEST METHOD
Peak Load @ 73.4° F (23° C), lbf/in (kN/m)	95 (16.6)	75 (13.1)	ASTM D5147
Elongation at Peak Load @ 73.4° F (23° C), %	70	70	ASTM D5147
Ultimate Elongation @ 73.4° F (23° C), %	75	75	ASTM D5147
Tear Strength @ 73.4° F (23° C), lbf (N)	130 (578.3)	110 (489.3)	ASTM D5147
Low Temperature Flexibility, °F (°C)	0 (-18)	0 (-18)	ASTM D5147
Dimensional Stability, %	< 0.1	< 0.1	ASTM D5147
Compound Stability, °F (°C)	215 (101)	215 (101)	ASTM D1970
Granule Embedment, g	< 1.5 avg; 2.0 max SG		ASTM D5147

\* Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS:

