

MODIFIED SOPRA G

MODIFIED SOPRA G
PRODUCT # 00107

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

MODIFIED SOPRA G is an SBS-modified bitumen-coated base sheet for use as an anchor sheet for cold adhesive, heat welded or hot asphalt applied roof assemblies. MODIFIED SOPRA G is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with a high quality random glass fiber mat. The topside and underside are surfaced with fine mineral aggregate.

STORAGE & HANDLING

Store 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 MODIFIED SOPRA G.

APPLICATION

Position MODIFIED SOPRA G in desired position and fasten if being used with a nailable substrate. If using MODIFIED SOPRA G in a BUR application, apply hot asphalt according to manufacturer's specifications, and then roll in Modified SOPRA G. Subsequent approved inter-ply or cap ply membranes are applied to MODIFIED SOPRA G via cold adhesive, heat welding or hot asphalt. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.

APPLICATION



MECHANICALLY
FASTENED



HOT ASPHALT

TECH FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D4601 Type 2	108 (32.9 m)	36.0 (0.91 m)	296.6 (27.6 m ²)	59 (1.5 mm)	100 (49.6 kg)	20 (2,050 lb/ 1012 kg)

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



SOPREMA[®]

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Glass-fiber
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Sanded
Back surfacing	Sanded
Selvage surface	Sanded
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	59 (1.5)	ASTM D5147

PHYSICAL PROPERTIES		
PROPERTY		TEST METHOD
Moisture, maximum at time of manufacture %	<1.0	ASTM D4601
Mass of desaturated glass mat, lbf/100ft ² (g/m ²)	1.8 (90)	ASTM D4601
Asphalt, min., lbf/100ft ² (g/m ²)	> 7 (342)	ASTM D4601
Surfacing & stabilizer, max %	< 65	ASTM D4601
Load strain properties @ 77°F (25°C) Breaking Strength, LBf/in (KN/m)	50 (8.8)	ASTM D4601
Pliability (1/2 in. radius failures)	No cracking	ASTM D4601
Puncture resistance, lbf (N)	55 (224)	ASTM E154

TESTING & APPROVALS

