

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLVENT TG is an SBS-modified bitumen base ply for use in approved multi-ply membrane and flashing assemblies. COLVENT TG is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen in combination with partially adhered ribbons and is reinforced with a high quality random glass fiber mat. The ribbon strips are arranged in a pattern to vent vapor pressure between the substrate and the COLVENT TG. The topside is surfaced with fine mineral aggregate to optimize cold adhesive and hot asphalt applications and the underside is surfaced with polyolefin burn-off film to optimize heat welding.

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 COLVENT TG.

APPLICATION

Prior to installation, unroll COLVENT TG onto the roof surface and allow to relax. Place COLVENT TG in desired position and back roll the product. COLVENT TG is then heat welded to approved substrates. Subsequent approved inter-ply or cap ply membranes are applied to COLVENT TG via cold adhesive or hot asphalt. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



APPLICATION



HEAT-WELDED

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft²)	THICKNESS (mils)	WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6163 Type 1, Grade S	49.2 (15.0 m)	39.4 (1.0 m)	147.6 (13.7 m²)	87 (2.2 mm)	106 (48 kg)	20 (2170 lb/ 984 kg)

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



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	Heat activated bitumen strips with release film
Selvage surface	Polyolefin film
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	87 (2.2)	ASTM D5147
Net mass per unit area, lb/100ft ² (g/m ²)	66 (3200)	ASTM D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	100 (17.6)	90 (15.8)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	4	4	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (8.8)	40 (7.0)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	5	4	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	45	45	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	60 (267)	60 (267)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.1	< 0.1	ASTM D5147
Compound stability, °F (°C)	250 (121)	250 (121)	ASTM D5147

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

TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

