



EDILFLEX SBS G 180 COOL

PRODUCT CODE

DESCRIPTION

EDILFLEX SBS G 180 cool is a modified bitumen membrane consisting of asphalt modified with SBS, reinforced with a 180 g/m² non-woven polyester mat. The combination modified bitumen-polyester reinforcement results in a flexible, high durability, granule surfaced roofing membrane. Modified bitumen improve asphalt's natural Waterproofing characteristics, increase system performance. Granule improve his UV ray resistance and is an decorative element. Complies ASTM D66164, type I, Grade G

COMPOSITION

Bitumen 180-220 1/10 mm

SBS

Mineral filler.

Polyester mat

Mineral granules

RECOMMENDED USES

*EDILFLEX SBS G 180 cool is the solution for new construction and re-roofing single ply applications, low or high slope roofs of any size or kind of deck, even those with numerous penetration.

*EDILFLEX SBS G 180 cool is an excellent solution like cap sheet in double layer waterproofing system.

PERFORMANCE ADVANTAGES

* EDILFLEX SBS G 180 cool non woven polyester fiber mat allows it a better elongation than any other common single ply membranes.

* EDILFLEX SBS G 180 cool is the solution to waterproofing in very cold weather.

* EDILFLEX SBS G 180 cool non woven Polyester provides excellent puncture and tear resistance

*The elongation and recovery properties of the SBS blend allow the product to easily accommodate the continual expansion and contraction strain.

PRODUCT DATA

ASTM D6164, Type I, Grade G

	Minimum Requirement	EDIL typical
Roll Width , inch, (m)	----	32' 3/8" (1,0)
Length Roll , ft, (m)	----	32' 10" (10,0)
Net Coverage, sq. ft (m ²)	----	98 (9.1)
Pounds per 100 sq. ft	75	94
Grams/sq.m	3661	4560
Roll Weight, lb (Kg)	----	100,5 (45,6)
Thickness, mils (mm)	130 (3,3)	180 (3,8)
Back Coating , mil (mm)	40 (1)	50 (1,3)

APPLICATION

* Install using hot/cold adhesive techniques or heat welding techniques

* Torch application on primed surfaces. Do not prime wooden roofs or the base sheet.

* Do not seal overlaps because stain granules.

STORAGE AND HANDLING

* Edil Polyester rolls must be stored on end to prevent damage and flattening of the roll. All rolls should be stored at a minimum of 40° F (4° C) and a maximum of 140° F (60° C) and on the roof, must be stored so that it will be a minimum of 40° F (4° C) at application.

* Rolls should be placed out of weather in a clean, dry area. If material must be temporarily on the roof before application, they must be kept elevated from the roof surface on a pallet and covered from the weather with a opaque trap.

SHIPPING INFORMATION

Pallets size	35"x 47" (80 cm x120 cm)
Rolls per pallet	20
Weight per pallet	2052 lb. (932 Kg)
Pallets per truckload	22

PRECAUTIONS

* Take care when transporting and handling membrane to avoid puncture or other damage.

* Isolate membrane from waste products, petroleum products, grease, mineral or vegetable oils and animals fats.

* Refer to MSDS for hazardous material precautions.

CAUTION

* Torch application shall be carry out only when primer is dry, to avoid fire when solvent base is used or bubbles forming when emulsion primer is used.

* Do not use open fire near of solvent base primer vessel.

* Use safety gloves and eye-glasses during membrane torch installation.

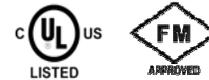
Physical Properties

ASTM D6164, TYPE I, Grade G

Method ASTM D 5147-11	Requirement minimum	EDIL typical
Tensile Strength, lbf/in (kN/m)		
@ 0°F (-18°C) MD	7 0(13,7)	≥80 (15,7)
@ 0°F (-18°C) CD	70(13,7)	≥90 (17,6)
@ 73°F (23°C) MD	50(8.8)	≥69 (13,5)
@ 73°F (23°C) CD	50(8.8)	≥61 (11,9)
Elongation, %		
@0°F (-18°C) MD	20	≥40
@0°F (-18°C) CD	20	≥40
@73°F (23°C) MD	35	≥51
@73°F (23°C) CD	35	≥55
Tear Strength, lbf (N)		
@73°F (23°C) MD	55 (246)	≥ 106 (476)
@73°F (23°C) CD	55 (246)	≥ 85 (578)
Ultimate Elongation, %		
@ 5% of peak load @ 73°F (23°C) MD	35	≥38
@ 5% of peak load @73°F (23°C) CD	35	
Low Temperature Flexibility, maximum. °F (°C)	0 (-18)	0 (-18)
Water Absorption, max. , %	3,2	3
High Temperature Stability, minimum., °F (°C)	215 (102)	250 (110)



 **EDILFLEX SBS G 180 COOL** Meets ASTM 6164, Type I, Grade G. Tested in accordance with ASTM D5147.



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