



EDILFLEX APP S 160 COOL

PRODUCT CODE

DESCRIPTION

EDILFLEX APP S 160 Cool is a modified membrane consisting of asphalt modified with atactic polyolefin resins, reinforced with a 180 g/m² non-woven polyester mat. The combination modified bitumen-polyester reinforcement results in a flexible, high durability, smooth surfaced roofing membrane. The surface of the sheet is a light no blocking surfacing and a polyethylene free bottom. Modified bitumen improve asphalt's natural Waterproofing characteristics, increase system performance and provides resistance to the effects of U V ray and heat. Complies ASTM D6222-11 type I, Grade S

COMPOSITION

Bitumen 180/220 1/10 mm
IPP, PE, APP homo and co - polymer
Mineral filler
Polyester non woven mat

RECOMMENDED USES

*EDILFLEX APP S 160 Cool is ideal 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 APP S 160 Cool smooth surfaced is an excellent solution like base sheet in double layer waterproofing system in combination with a cap sheet likes EDILFLEX APP Gt 4.2 or EDILFLEX APP Gt 180.

PERFORMANCE ADVANTAGES

*EDILFLEX APP S 160 Cool non woven polyester fiber mat allows it a better elongation than any other common single ply membranes.
* EDILFLEX APP S 160 Cool is the solution to waterproofing in cold weather.
* EDILFLEX APP S 160 Cool in single ply system may be covered with Aluminum paint, Acrylics paint, concrete topping, Edil Asphalt Shingles and Tiles.

PRODUCT DATA

ASTM D6222-11 Type I, Grade S

	Minimum Requirement	EDIL typical
Roll Width , ft (m)	-----	39 3/8" (1.0)
Length Roll , ft (m)	-----	32' 10" (10.0)
Net Coverage, sq. ft (m2)	-----	98 (9.1)
Pounds per 100 sq. ft	70	91
Grams/sq.m	3418	4440
Roll Weight, lb (Kg)	-----	90.4 (41.0)
Thickness, mils (mm)	140 (3,5)	138 (3,5)
Back Coating , mil (mm)	30	39 (1 mm)

APPLICATION:

EDILFLEX APP S 160 Cool should be applied using cold adhesive techniques or heat welding techniques.

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 50° F (10° C) and a maximum of 140° F (60° C) and must be stored so that it will be a minimum of 59° 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 45"x 45" (115 cm x115 cm)
Rolls per pallet 20
Weight per pallet (S Grade) 1828 lb (840 Kg)
Pallets per truck load 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

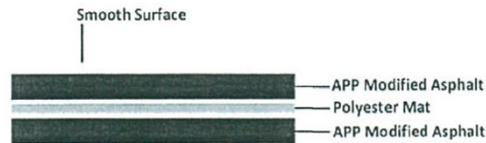
CAUTION

- * 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 D6222-1 Type I, Grade S

	Requirement	EDIL typical
Method ASTM D 5147-11	minimum	typical
Tensile Strength, lbf/in (kN/m)		
@ 73°F (23°C) MD	50(8.8)	≥89 (20.7)
@ 73°F (23°C) CD	50(8.8)	≥61 (24.3)
Elongation, %		
@ 73°F (23°C) MD	23	≥47
@ 73°F (23°C) CD	23	≥37
Tear Strength, lbf (N)		
@ 73°F (23°C) CD	70 (311.5)	≥ 107 (475.5)
	70 (311.5)	≥ 77 (342.5)
Low Temperature Flexibility, maximum. °F (°C)	32 (0)	10 (12)
Water Absorption, max. , %	3.2	0.92
High Temperature Stability, minimum., °F (°C)	230 (110)	248 (120)
Softening point, ° F (° C)	-----	302(150)



EDILFLEX APP S 160 Cool Meets ASTM 6222, Type I,

Grade S. Tested in accordance with ASTM D5147.



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