



# EDILFLEX APP Gt 180

## PRODUCT CODE

### DESCRIPTION

EDILFLEX APP Gt 180 is a modified membrane consisting of asphalt modified with atactic polyolefin resins, reinforced with a 180 g/m<sup>2</sup> 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 and provides resistance to the effects of U V ray and heat. Granule improve his UV ray resistance and is an decorative element.

Complies ASTM D6222-11 type I, Grade G

### COMPOSITION

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

### RECOMMENDED USES

EDILFLEX APP Gt 180 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 APP Gt 180 is an excellent solution like cap sheet in double layer waterproofing system in combination with a base sheet APP 170 Plus-S

### PERFORMANCE ADVANTAGES

EDILFLEX APP Gt 180 non woven polyester fiber mat allows it a better elongation than any other common single ply membranes.  
 EDILFLEX APP Gt 180 is the solution to waterproofing in very cold weather.  
 EDILFLEX APP Gt 180 gives three advantages in only one product: waterproofing, durability, decoration.

### PRODUCT DATA

ASTM D6222-11 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 <sup>2</sup> ) | -----               | 98 (9.1)       |
| Pounds per 100 sq. ft                  | 85                  | 93,5           |
| Grams/sq.m                             | 4150                | 4560           |
| Roll Weight, lb (Kg)                   | -----               | 100,5 (45,6)   |
| Thickness, mils (mm)                   | 160 (4)             | 180 (4,57)     |
| Back Coating, mil (mm)                 | 30 (0,76)           | 50 (1,27 mm)   |

### APPLICATION

\* After positioning the membrane over the substrate or over base sheet, the membrane will be adhered by passing the torch flame evenly across the burn-off film and the lap area of the previously installed sheet, until the membrane bitumen begins to melt. Ensure the burn-off film is completely melted.

\* 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 45"x 45" (115 cm x115 cm )  
 Rolls per pallet 20  
 Weight per pallet S Grade 2020 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.

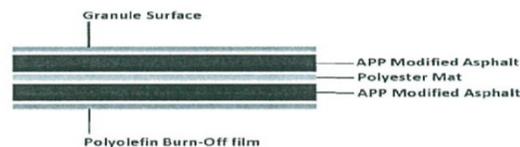
### CAUTION

- \* 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 D6222-11 TYPE I, Grade G

| Method ASTM D 5147-11                                | Requirement minimum | EDIL typical |
|--|---------------------|--------------|
| <b>Tensile Strength, lbf/in (kN/m)</b>               |                     |              |
| @ 0°F (-18°C)  | 60(10.5)            | ≥89 (15,5)   |
| @ 0°F (-18°C)  | 60(10.5)            | ≥61 (10,7)   |
| @ 73°F (23°C) MD                                     | 50(8.8)             | ≥98 (17,1)   |
| @ 73°F (23°C) CD                                     | 50(8.8)             | ≥70 (12,3)   |
| <b>Elongation, %</b>                                 |                     |              |
| @0°F (-18°C) MD                                      | 10                  | ≥47          |
| @0°F (-18°C) CD                                      | 10                  | ≥37          |
| @ 73°F (23°C) MD                                     | 23                  | ≥50          |
| @ 73°F (23°C) CD                                     | 23                  | ≥50          |
| <b>Tear Strength, lbf (N)</b>                        |                     |              |
| @ 73°F (23°C) MD                                     | 70 (311)            | ≥ 86 (380)   |
| @ 73°F (23°C) CD                                     | 70 (311)            | ≥ 70 (311)   |
| <b>Low Temperature Flexibility, maximum. °F (°C)</b> |                     |              |
|  | 32 (0)              | 10 (-12)     |
| <b>Water Absorption, max. , %</b>                    |                     |              |
|  | 3,2                 | 3            |
| <b>High Temperature Stability, minimum., °F (°C)</b> |                     |              |
|  | 230 (110)           | 2 48 (120)   |
| <b>Softening point, ° F (° C)</b>                    |                     |              |
|  | -----               | 302(150)     |



 **EDILFLEX APP Gt 180** Meets ASTM 6222 Type I, Grade G.  
 Tested in accordance with ASTM D5147.



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