

# EDILFLEX APP GT 4.2

Colors: Black, White.



## DESCRIPTION

**EDILFLEX APP GT 4.2** is a modified bitumen membrane consisting of asphalt modified with atactic polypropylene resins and reinforced with a 180 g/m<sup>2</sup> nonwoven polyester mat. The combination of polymer-modified bitumen and polyester reinforcement results in a flexible, high-durability roofing membrane. Modifying bitumen improves the asphalt's natural waterproofing characteristics and increases system performance. The granular surfacing provides resistance to the effects of UV light and heat and serves as a decorative element.

## COMPOSITION

- Bitumen.
- IPP, PE, APP mono and copolymers.
- Mineral filler.
- Nonwoven polyester mat.
- Ceramic quartz granules.

## RECOMMENDED USES

- Ideal for new construction and re-roofing applications on low or steep sloped roofs, of any size or deck type.
- Ideal for use as a cap sheet in multi-layer waterproofing systems in combination with base and ply sheets such as EDIL POLYESTER 40SC10.

## ADVANTAGES

- Our nonwoven polyester reinforcing mat allows for better elongation than many other roof membranes.
- Perfect for waterproofing installations in cold weather.
- Can be installed as a single layer or as a cap sheet in multilayer systems.

## PRODUCT DATA

SPECIFICATION	MINIMUM REQUIREMENT	EDIL TYPICAL
Roll Width, ft (m)	-----	3'3" (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	70	91
Grams/sq. m	3418	4440
Roll Weight, lb (Kg)	-----	110.7 (50.3)
Thickness, mils (mm)	160 (4)	166 (1.3)
Back Coating, mil (mm)	30 (.076)	50 (1.3)
Low Temperature Unrolling	41 (5)	41 (5)

## APPLICATION

- After positioning the membrane on the substrate, heat the membrane using a roofing torch to adhere it to the substrate.



- Apply heat evenly across the back of the roll and the selvage edge of the previously installed sheet, until the bitumen begins to flow. Ensure the burn-off film is completely melted.
- Use an asphalt primer on all masonry, concrete, and metal surfaces.
- Do not torch directly combustible substrates.

## STORAGE AND HANDLING

EDIL Polyester rolls must be stored on a vertical position to prevent damage and flattening of the roll. All EDIL 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 (15°C) at application. EDIL products should be stored indoors in a clean, dry area. Should storage on the roof be required before application, then said materials must be kept elevated from the roof surface on pallets and covered from the weather with an opaque tarpaulin.

## SHIPPING INFORMATION

- Pallet size: (115 cm x 100 cm) wooden pallets, covered with a shrink wrap plastic bag.
- Units per pallet: 20 rolls per pallet
- Approximate weight per pallet: 2050 lb (930 kg).
- Pallets per 40' container: 24 pallets per 40' container.

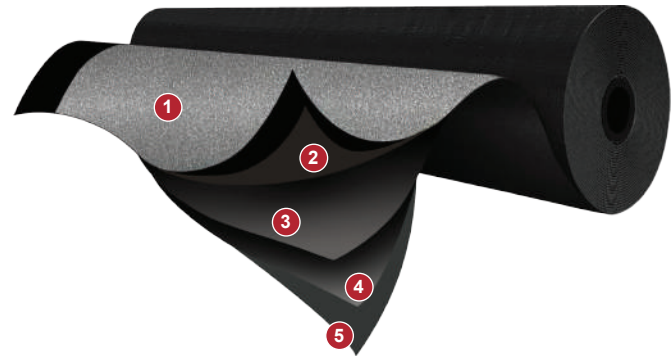
## PRECAUTIONS IN THE APPLICATION

- Use care when transporting and handling EDIL roofing and waterproofing membranes to avoid puncture or other damage.
- Segregate membrane from waste products, petroleum products, grease, mineral or vegetable oils and animals fats.
- Refer to MSDS for hazardous material precautions
- Do not install directly over combustible substrates.
- Do not install over solvent-based primers or mastics that have not completely flashed off.
- Use caution when working near flammable liquids
- Use safety gloves and safety glasses during torch installation.

## PHYSICAL PROPERTIES AND SPECIFICATIONS

	REQUIREMENT	EDIL
Method ASTM D6222-11 type I Grade S	Minimum	Typical
<b>Tensile Strength</b>		
@ 73°F (23°C) MD	50 (8.8)	63 (11)
@ 73°F (23°C) CD	50 (8.8)	57 (10)
<b>Elongation, %</b>		
@ 73°F (23°C) MD	23	50
@ 73°F (23°C) CD	23	55
<b>Tear Strength, lbf (N)</b>		
@ 73°F (23°C) MD	70 (311)	88 (392)
@ 73°F (23°C) CD	70 (311)	71 (316)
<b>Low Temperature Flexibility, maximum °F (°C)</b>	32 (0)	14 (-10)
<b>High Temperature Stability, minimum °F (°C)</b>	230 (115)	250 (120)
<b>Softening Point, °F (°C)</b>	-	302 (150)
<b>Water Absorption, max., %</b>	3.2	1.6

Manufacture an ISO 9001-2015 registered facility ISO 9001-2000 certificate 9001-362-10505, issued on 05-2005 **EDIL C.A.** member since 1990.



### EDILFLEX APP GT 4.2

- 1- Granular Surface.
- 2- APP Modified Asphalt.
- 3- Polyester Mat.
- 4- APP Modified Asphalt.
- 5- Polyolefin Burn-Off Film.

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