

EDILFLEX APP GRANULATED 40 PLUS

Colors: Black, White, Weatherwood



DESCRIPTION

EDILFLEX APP GRANULATED 40 PLUS is a modified bitumen membrane consisting of asphalt modified with atactic polypropylene resins and reinforced with a 140 g/m² nonwoven polyester mat. The combination of modified bitumen and polyester reinforcement results in a granule surfaced roofing membrane that is both flexible and durable. Modifying bitumen improves the asphalt's natural waterproofing characteristics, increases system performance, and provides resistance to the effects of UV Light degradation. The addition of a granular surface further improves UV resistance and is a decorative element.

COMPOSITION

- Bitumen.
- Mineral filler.
- 140 g/sqm nonwoven polyester mat.
- Ceramic quartz granules.
- IPP, PE & APP mono and copolymers.

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 **EDILFLEX APP 40 ST Plus**.

ADVANTAGES

- Our nonwoven polyester fiber reinforcing mat allows for better elongation than many modified bitumen membranes.
- An ideal solution to waterproofing in cold weather.
- Can be used by itself in single layer system or as a base ply in multi-layer system.

PRODUCT DATA

SPECIFICATION	MINIMUM REQUIREMENT	RANK REQUIREMENT	EDIL TYPICAL
Roll Width, ft (m)	-----	-----	3'3" (1.0)
Length Roll, ft (m)	-----	-----	32'10" (10.0)
Net Coverage, sq. ft (m ²)	-----	-----	98 (9.1)
Pounds per 100 sq. ft	86	-----	90
Grams/sq. m	4200	-----	4400
Roll Weight, lb (Kg)	-----	-----	100 (44.5)
Thickness, mils (mm)	149.6 (3.80)	149.6 - 157.5 (3.80 - 4.00)	154.3 (3.92)
Back Coating, mil (mm)	30 (.076)	-----	74.8 (1.9)

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.

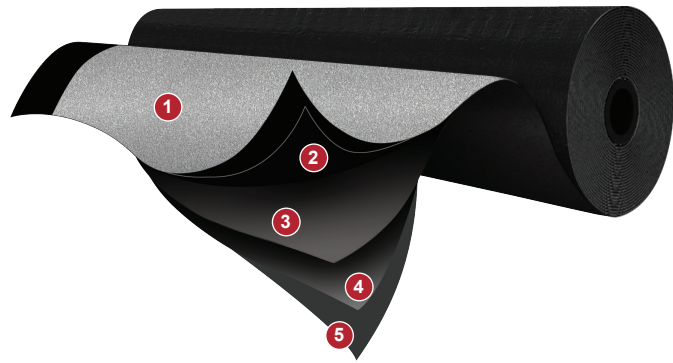
PRECAUTIONS IN THE APPLICATION

- Use care when transporting and handling membrane to avoid punctures or other damage.
- Keep 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 D5147-11a	Minimum	Typical
Tensile Strength		
@ 73°F (23°C) MD	39 (6.8)	44.7 (7.8)
@ 73°F (23°C) CD	36 (5.9)	42 (7.4)
Elongation, %		
@ 73°F (23°C) MD	30	50
@ 73°F (23°C) CD	33	55
Tear Strength, lbf (N)		
@ 73°F (23°C) MD	50 (196)	66 (276)
@ 73°F (23°C) CD	40 (176)	55 (245)
Low Temperature Flexibility °F (°C)	23 (-5)	23 (-5)
High Temperature Stability	239 (115)	250 (120)
Softening Point, °F (°C)	302 (150)	398 (153.5)
Water Absorption, max., %	3.2	1.6
Granules loss, g	2	1.7

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 GRANULATED 40 PLUS

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

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