

EDIL SELFLEX BASE SA FILM (2.0 SQ. ROLL)

Colors: Black, White, Weatherwood.



DESCRIPTION

EDIL SELFLEX BASE SA FILM (2.0 SQ. Roll) is a fiberglass reinforced, self-adhesive, Styrene-Butadiene-Styrene modified bitumen roofing underlayment for use under slate and asphalt shingles. The polyethylene film on the upper surface provides enhanced UV resistant properties.

COMPOSITION

- Bitumen.
- Elastomeric Polymers.
- Mineral filler.
- Fiberglass reinforcement, 70 g/m².
- Polyethylene film.
- Silicone release film.

RECOMMENDED USES

- Used to protect a building's deck and internal structure against leaks caused by water, ice damming and wind-driven rain. It is highly effective in critical roofing areas such as valleys, ridges, coping joints, chimneys, vents, dormers, skylights, and low slope sections.
- Provides a strong line of defense to keep water from infiltrating the roofing system.

ADVANTAGES

- Self-adhering and does not need a torch to be installed.
- Split-back release liner for an easier peel off and handling during application.
- Can be exposed to the weather for 30 days.
- Adheres directly to concrete, asphalt surfaced built-up roof systems, polyisocyanurate insulations, plywood, wood fiberboard and gypsum sheathing. It also has excellent adhesion to any porous substrate.
- Self-sealing around nails and screws to prevent moisture penetration.
- Flexible to accommodate thermal expansion and contraction cycles.
- Can be used in both high and low temperature climates.

PRODUCT DATA

SPECIFICATION	MINIMUM REQUIREMENT	RANK REQUIREMENT	EDIL TYPICAL
Roll Width, ft (m)	0.99	0.99 - 1.10	1
Length Roll, ft (m)	64.96 (19.80)	64.96 - 65.65 (19.80 - 20.01)	65 (19.80)
Net Coverage, sq. ft (m ²)	-----	-----	2 (20)
Pounds per 100 sq. ft	30.7 (13)	28.7 - 34.8 (13 - 15.8)	32.8 (14.9)
Grams/sq. m	1500	1500 - 1700	1600
Roll Weight, lb (Kg)	66 (30)	66.00 - 75.9 (30 - 34)	70.4 (32)
Thickness, mils (mm)	53 (1.35)	55 - 63 (1.35 - 1.60)	59 (1.5)
Back Coating, mil (mm)	19.6 (0.5)	19.6 - 27.6 (0.5 - 0.7)	24 (0.6)

APPLICATION

ROOF SURFACE PREPARATION:

- All roofs receiving our self adhesive sheet systems must have a positive slope of at least 1/4" in 12' to provide for adequate roof drainage. The surface must be clean, dry, and without deck deflection that would cause water to stand for more than 24 hours. Do not apply this product on wet surfaces.
- For re-roofing, all old roofing and other loose materials must be removed prior to installation.
- Concrete or Steel decks shall be designed with proper expansion devices.
- Wood decks shall be properly supported by the structural framing.
- Do not apply directly to shingles or other granulated surface roof systems.
- Recover over existing roof systems with coatings must be primed with an ASTM D41 asphalt primer AND back nailed regardless of the slope to the roof. An ASTM D-41 asphalt primer is required on all substrates prior to adhering this product. Ensure the primer is fully dry prior to application of the EDIL membrane.

INSTALLATION

- EDIL self adhesive sheets should not be applied at temperatures below 40 °F (4 °C) or If rain is expected within four hours after the application.
- Align the membrane rolls beginning at the lowest part of the roof, working to the highest part. Overlap the roof edges a minimum of 1".

- Remove the silicone release film, from the bottom of the roll and apply pressure to the roll from the center of the membrane to the edges.
- Mechanical attachment will be required when the deck slope is greater than 2 ½ in 12 for sheets applied on sloped surfaces. Back nail the membrane sheet using 1 ½" cap nails at 12" on center in the middle of the selvage edge.
- Seal both side and end laps using a hard rubber roller. If the laps do not completely seal use a hot air welder to ensure that the seams are fully sealed.
- Use a thin bead of roofing cement under all edge metal and around all penetrations.
- Once the roll is installed, remove the silicone release film from the overlap and set the next roll into place.
- Roll the entire membrane surface, paying special attention to side laps, end laps and T-joints. Roller weight shall be 70 lb. minimum for low slope (up to 2 ½ : 12 pitch) and 28 lb. minimum for steep slope (greater than 2 ½ : 12 pitch).
- Probe all seams, head laps and "T" joints with a round, bull nose trowel to make certain that they are fully adhered. If the adhesion is incomplete use a hot air welder to make certain the seam/lap/joint is fully sealed.

STORAGE AND HANDLING

- The rolls must be stored indoors, in a dry location.
- Rolls must be stored vertically only.
- Do not double stack the rolls.
- The rolls must be protected from the elements. Do not expose rolls to direct sunlight.
- Store rolls at room temperature. Prolonged exposure to elevated temperatures may reduce the adhesive characteristics of the membrane.

SHIPPING INFORMATION

- Pallet size: 39,4" x 47,2" (100 cm x 120 cm).
- Units per pallet: 30 roll.
- Approximate weight per pallet: 2190 lb (995 Kg).
- Pallets per 40' container: 24 pallet.

PRECAUTIONS IN THE APPLICATION

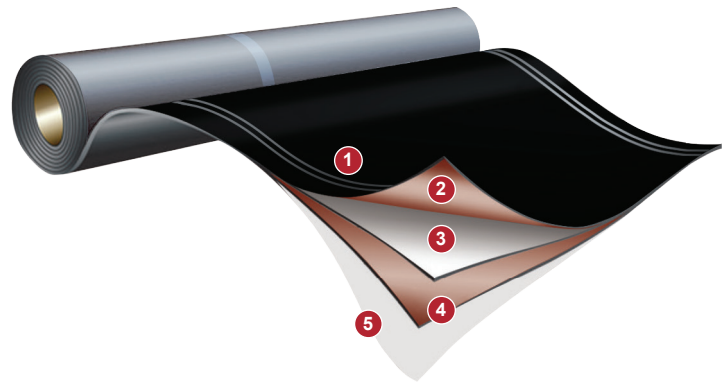
- Install the roofing membranes only when material in surface temperature (air, deck, material) are 40 °F (4 °C) and rising.
- Do not install when any form of moisture is present.
- Ensure roof has positive drainage prior to installation.
- Proper ventilation is critical. When applying over the entire roof deck, the roofing system must provide sufficient ventilation, including both ridge and soffit venting.
- A full, irreversible adhesion is achieved when the underlayment goes through a complete heat cycle. Do not attempt to remove the underlayment immediately after adhesion to the substrate.
- Use of a hand-held "hot air gun" will facilitate full adhesion during application of underlayment in cooler weather.

- EDILFLEX BASE is an underlayment and must be covered with a finished roof covering within the specified exposure time of the product. Refer to section on Features and Benefits for exposure times.

PHYSICAL PROPERTIES AND SPECIFICATIONS

PROPERTIES	METHODS		SPECIFICATION
	ASTM D 5147-11a DS	UNIEN	ASTMD1970
Thickness, mils (mm)	Sec. 6	1849-1	53 - 63 (1.35 - 1.60)
Weight roll/m ² , lb/sq m, (Kg/m ²)	-----	1849-1	3.3 - 3.7 (1.5 - 1.7)
Length Roll, ft (m)	-----	1848-1	64.96 - 65.65 (19.80 - 20.01)
Tensile Strength, lbf/in (kN/m) [Kg/5cm], MD/CD	Sec. 7	12311-1	40 (7) [350] / ≥ 28 (5) [250]
Elongation, % MD/CD	Sec. 7	12311-1	≥ 3 / ≥ 3
Tear Strength, lbf (N) [Kg] MD/CD	-----	12310-1	≥ 20 (89.2) [9.1] / ≥ 20 (89.2) [9.1]
Low Temperature Flexibility, maximum °F (°C)	Sec. 12	1109	≤ -5 / (-15)
High Temperature Stability, minimum °F (°C)	Sec. 13	1110	≥ 90
Water Absorption, max %	Sec. 10	1847	N/A
Softening Point, °F (°C)	ASTM D36	1427	≥ 99
Adhesivity at 73 °F (23°C) / 41 °F (5°) on Plywood, lbf/width	ASTM D7530 D7530M-17	-----	12/2 (180 / 30)

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



EDIL SELFLEX BASE SA FILM (2.0 SQ. Roll)

- 1- Base film Surface.
- 2- Self-adhesive asphalt.
- 3- Impregnated nonwoven fabric.
- 4- Self-adhesive asphalt.
- 5- Silicone release film.

JUNE 2023



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