



SA BASE PRO[®]

SELF-ADHERED BASE SHEET

PRODUCT DESCRIPTION

SA Base Pro roof membrane is a self-adhered, fiberglass-reinforced base sheet. Manufactured using a Styrene-Butadiene-Styrene (SBS) modified asphalt compound on the top layer and an aggressive self-adhesive compound on the bottom layer, SA Base Pro roof membrane is built to ensure excellent dimensional stability.

SA Base Pro roof membrane uses a split release film on the bottom surface for easy installation.

TYPICAL APPLICATIONS

- Designed for applications where using a propane torch is undesirable or prohibited
- Applications include new construction, re-roofing, and BUR repair installation
- Base or interply for most multi-ply systems

FEATURES AND BENEFITS

- Excellent long-term adhesion and application to multiple substrates
- Exceptional physical properties and long-term weathering performance
- Low temp flexibility, puncture and tear resistant

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	ASTM VALUE
ASTM D5147	Peak Load @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min, kN/m (lbf/in.)	5.3 (30)
ASTM D5147	Elongation @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min (%)	2
ASTM D5147	Tear Strength @ 23+/-2°C (73.4+/-3.6°F), min, N (lbf)	156 (35)
ASTM D5147	Low Temperature Flexibility, max, °C (°F)	-18 (0)
ASTM D1970	Adhesion to Plywood @ 40F, min, lbf/ft width	2.0
ASTM D1970	Adhesion to Plywood @ 75F, min, lbf/ft width	12.0
ASTM D1970	Sealability around nail	pass
ASTM D1970	Waterproof integrity after low temp flexibility	pass
ASTM D1970	Waterproof integrity of lap seam	pass



PRODUCT DATA

Coverage (Approx)..... 200 sq ft
 Weight (Approx) 80 lbs
 Thickness (Nominal) 2.0 mm; 80 mils
 Roll Size 66'8" × 39 3/8" (20m × 1m)
 Rolls/Pallet..... 20

APPLICABLE STANDARDS

- ASTM D1970, ASTM D163 (Table 2)





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APPLICATION INSTRUCTIONS

SA Base Pro is intended to be used as a base sheet or interply for new or re-roof applications when applied to acceptable insulations and/or coverboards for commercial and residential structures. SA Base Pro may also be applied directly to approved wood deck substrates of non-occupied spaces such as carports, sheds, canopies, etc.

- Apply only when the weather and forecast is dry and the ambient air temperature and substrate is 40°F (5°C) and rising.
- Apply over clean, dry, dust and debris free substrates. Prime concrete decks prior to application with an asphalt primer.
- When re-roofing, remove all prior roofing materials down to a clean debris free substrate and properly close off all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall be properly supported by the structural framing.
- Ensure the installation of SA Base Pro does not prevent the ventilation of existing construction
- Do not apply directly to shingles or other granulated surface roof systems.
- While installing SA Base Pro:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Start by removing the first 18–24" of release film.
 4. Press the membrane into place with firm and even pressure. Roll the edges with a silicone hand roller to ensure complete adhesion.
 5. Gradually remove the remaining release film applying pressure from the center to the edges as you go.
 6. Position successive rolls providing a minimum 6" end lap and 4" side lap. Laps can be sealed for additional water tightness with a hot air welder.
 7. Roll with an 80# split-face linoleum roller. Take care on sloped roofs by securing the roller and applicator with the appropriate safety equipment.
- Details and flashing may be installed using SA Base Pro with a hot air welder or with a Roof Cement. Check project details for proper installation requirements.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Winter Haven, FL

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Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 2 years.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control.

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