

ELASTOFLEX® SA V

PRODUCT DESCRIPTION

Elastoflex® SA V membranes are premium, self-adhered elastomeric base ply roofing products, manufactured using patented ADESO® Dual-Compound Self-Adhesive technology, whereby a “true” polymer modified asphalt compound is applied on the top layer and an aggressive self-adhesive compound is applied on the bottom layer. Elastoflex SA V membranes are built with a high performance reinforced fiberglass mat to guarantee excellent dimensional stability.

Elastoflex SA V membranes are finished with a polyolefin film with laylines on the top surface and a split release film on the bottom surface.

Elastoflex SA V is packaged in a roll of approximately 200 sq ft weighing 80 lbs in a patented Easybox that facilitates easy handling of the rolls.

USES

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

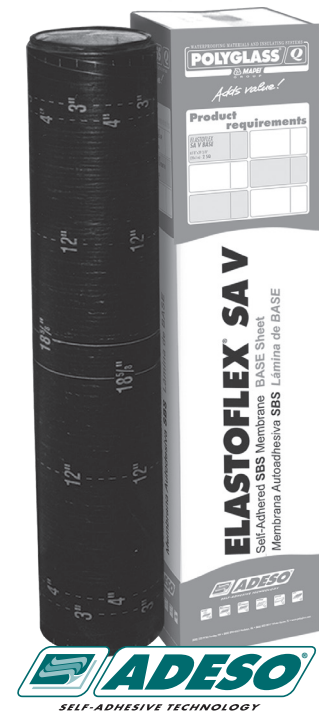
FEATURES AND BENEFITS

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

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, typical, mm (mils)	1.5 (60)
ASTM D5147	Peak Load @ 23+/-2C (73.4+/-3.6F), MD and XMD, min, kN/m (lbf/in.)	5.3 (30)
ASTM D5147	Elongation @ 23+/-2C (73.4+/-3.6F), MD and XMD, min (%)	2
ASTM D5147	Tear Strength @ 23+/-2C (73.4+/-3.6F), 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

10/2010



PRODUCT DATA

Coverage (Approx)..... 200 sq ft
 Weight 80 lbs
 Roll Size 66' 8" x 39 3/8" (20m x 1m)
 Rolls/Pallet..... 20

APPLICABLE STANDARDS

- ASTM D 1970
- Miami Dade Code Compliance
- ICC ESR-2018
- TDI



PRODUCT WARRANTY

Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) for a period of 10 years against manufacturing defects in its product that directly results in leakage. Warranty coverage is an annually declining pro-rated warranty.



Adds value!

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APPLICATION INSTRUCTIONS

Elastoflex SA V is intended to be used as a base sheet or inter-ply for new or re-roof applications. Elastoflex SA V may be applied directly to the substrate 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 PG 100 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 have all joints blocked and properly supported.
- Ensure the installation of Elastoflex SA V does not prevent the ventilation of existing construction
- Do not apply over shingles or any granulated surface.
- While installing Elastoflex SA V:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax in the sun for at least 15 minutes.
 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. After installation of the entire roof surface, 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 Elastoflex SA V with a hot air welder or with PG 400 Roof Cement. Check project details for proper installation requirements.

MANUFACTURING FACILITIES

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



Adds value!

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