TECHNICAL DATA SHEET

S60 Waterproofing Membrane

1. Product Name

Elevation® S60 Waterproofing Membrane

2. Manufacturer

Formulated Materials, LLC
3010 NW 149th St., SUITE 100
Oklahoma City, OK 73134
Tech Services : (844) 405-3676

www.formulatedmaterials.com

www.formulated.info

3. Product Description

Elevation® S60 is a high-performance, self-adhering sheet waterproofing membrane featuring a woven synthetic. It delivers exceptional tear and abrasion resistance and 120-day UV exposure protection. The self-sealing, rubberized asphalt coating is protected by a split release liner, ensuring an easy, reliable installation that minimizes air pockets, seam issues, and potential leaks.

Key Features

- Triple-layer polyolefin top scrim for superior durability.
- Industry-leading tear and abrasion resistance for long-lasting performance.
- 120-day UV resistance to withstand exposure during construction.
- Superior adhesion for a watertight seal.
- Built-in visual guidelines for precise seam alignment and quality control.
- Backed by a full system warranty and manufacturer support.

Where to Use

- Multifamily construction
- Apartments/Condominiums
- Hotels
- Single-family homes
- Commercial office spaces
- Renovation of aging wood frame or concrete structures

Product Composition

- Polyolefin and Bituminous membrane

Product Limitations

- Not intended for permanent UV exposure.
- Material and substrate temperature must be above 40º F and below 90º F at the time of installation.
- Do not apply over contaminated or wet surfaces.
- Ensure adhesion is confirmed before covering with additional materials.
- Limitations not to be construed as all inclusive.

Packaging

- 36” Roll – 200 sq. ft. per roll – 1 roll per sleeve.
- 12” Roll – 66.67 sq. ft. per roll – 3 rolls per sleeve.

4. Technical Data

Applicable Standards

ASTM Test	Standard
ASTM C836	Standard Specification for Solids Content, Cold Liquid -Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course
ASTM D1970	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
ASTM D5261	Standard Test Method for Measuring Mass per Unit Area of Geotextiles
ASTM D5385	Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes
ASTM D570	Stanaard Test Method for Water absorption of Plastics
ASTM D903	Standard Test Method for Peel or Stripping Strength of Adhesive Bonds
ASTM E154	Standard Test Methods for Water Vapor Retarders
ASTM E96	Standard Test Methods for Vgraimetric Determinationpor Transmission Rate of Materials

Technical Chart

Property	Test Method	Results
Product Weight	ASTM D5261	1613 g/m2
Bitumen Weight	ASTM D5261	1461 g/m2
Thickness	ASTM D1970	>60 mils
Tensile Strength	ASTM D412	>2,430 psi
Elongation	ASTM D412	600%
Puncture Resistance	ASTM E154	>235 lbf
Water Absorption	ASTM D570	<0.1%
Low-Temperature Flexibility	ASTM D1970	Pass -20º F
Moisture Vapor Permeation	ASTM E96	<0.0152 perms
Cracking Cycle	ASTM C836	No Cracking
Lap Adhesion	ASTM D903	</= 9.0 lbs/in width
Hydrostatic Head	ASTM D5385	Pass 231 ft

5. Instructions

General Surface Prep

Ensure the surface is clean, dry, and structurally sound. Repair any cracks or unstable areas. Remove dust, dirt, oil, grease, and contaminants. Sand affected areas if needed. Verify moisture levels meet product requirements. Address excessive moisture if necessary. Apply SP1 primer as specified and allow it to dry. Maintain recommended temperature and humidity. Avoid extreme conditions. Perform a final check to clear debris and confirm
the surface meets all preparation guidelines before application.

Installation of Product

Always read the Safety Data Sheet (SDS) for full precautionary instructions before use.

Tools Required

- Tape Measure
- Utility Knife or Shears
- Roller (Hand or Weighted)
- Chalk Line
- Primer Applicator (Brush or Roller)
- Gloves for Handling
- Sausage/Caulk Gun

Jobsite Conditions

- Air, substrate, and membrane temperatures must be above 40º F prior to installation.
- Balcony surfaces must maintain a positive slope of no less than 1/4" per foot for proper drainage.

Surface Prep

- Apply SP1 Primer as recommended and allow it to dry.

Application

- Always begin installation of membrane at outside edge, or lowest point of the slope.
- The membrane should extend up each vertical intersection by a minimum of 3" and should turn down the face of the drip edge by a minimum of 1" - For reference, the visual indicator marks on the facer are spaced 3" apart..
- Apply a 12" strip of S60 around the perimeter of the deck, extending up all vertical faces by at least 8", max 9" and onto the deck by at least 3"
- Detail all terminations with SM2 Lap Sealant
- For installation of inside and outside corners see formulated.info for detailed installation instructions.
- To finish each sill plate and door frame intersection, cut an 8" square piece of S60 12" and make a single ct from the middle of one side to the center of the square creating parallel flaps. Fold and attach the uncut half to the door frame with one half on the sill and one half on the frame. Fold the flap flush with the exterior wall and sill plate. If needed trim the flap extending down so that it does not extend on to the deck.
- Roll all surfaces thoroughly, applying at least 60 pounds of pressure. All surfaces must be smooth and fully adhered to the substrate with no visible blisters or fish mouths.

Go to www.formulatedmaterials.com and formulated.info for more detailed installation information.

Storage & Protection

- Keep rolls in a dry, well-ventilated area between 50º F (10º C) and 90º F (32º C).
- Shelf Life of 12 months from date of manufacture when stored properly.

Health Precautions

- Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction.
- Always review the full label and Safety Data Sheet (SDS) for detailed precautionary instructions before use.

Conformance to Building Codes

Installation must comply with all applicable local, state, and federal codes, regulations, and industry standards.

6. Product Warranty

For details and complete warranty information, visit www.formulatedmaterials.com

7. Product Maintenance

Properly installed products do not require ongoing maintenance.

8. Technical Services Information

For Technical Services, contact Formulated Materials at (844) 405-3676 upon request.

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