

ELEVATION® S60

Sheet Waterproofing Membrane



TECHNICAL DATA SHEET

BENEFITS

- Extra tough, triple-layer polyolefin top scrim
- 6x the abrasion and tear resistance of competitors products
- 3" alignment marks printed on surface to ensure proper overlap is maintained
- 120 day UV resistance
- High-tack, rubberized asphalt provides superior adhesion
- Full system architectural details & manufacturer support
- 5 year product warranty, 10 year Elevation ONE Waterproofing System™ warranty

DESCRIPTION

Elevation S60™ is a sheet waterproofing membrane engineered specifically for use with the Elevation ONE Waterproofing System. Elevation S60 utilizes a woven synthetic facer coated on both sides to provide increased tear and abrasion resistance, in addition to 120-day UV resistance. The facer is marked every 3" to ensure proper overlap is maintained during the installation process while providing a visual reference for quality control. The self-sealing, highly adhesive, rubberized asphalt coating is protected by a split release liner to make installation easier and eliminate air pockets that can cause tearing and "fish-mouths" at the seams.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Dimension	Test Code	Requirement
Width		35.875 –36.125" (91.1 - 91.75 cm)
Length		67-67.5' (20.4 - 20.5 m)
Weight per roll		64 Lb (29 kg)
Product weight	ASTM D5261	1613 g/m ²
Bitumen weight	ASTM D5261	1461 g/m ²
Thickness	ASTM D1970	>60 Mills
Adhesion to Plywood @23°C	ASTM D1970	>64 lbf/ft (95.24 kg/m)
High temperature Stability @115°C	ASTM D1970	Pass
Sealability Around Nail	ASTM D1970	Pass
Tensile Strength (Facer)	ASTM D412 C	9125 PSI (63,000 kpa)
Elongation (facer)	ASTM D412 C	16%
Puncture Resistance	ASTM E154	1330 Lb (603 kg)
Water Absorption	ASTM D570	.25%
Low Temperature Flexibility	CGSB 73GP56M	No Cracks
Moisture Vapor Permeation	ASTM E96	.015 perms

PACKAGING

36" x 67' rolls 60 lbs per roll
30 rolls per pallet Pallet weight 1800 lbs
Store indoors in a dry, clean environment, protected from extreme temperatures

INSTALLATION

See Elevation Waterproofing Manual Section 4.3.2-4.3.3 for complete installation instructions

Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction

Tools Required:

- Tape measure
- Utility knife

SURFACE PREPARATION

Air, substrate, and membrane temperatures must be above 40° F prior to installation. Surfaces to receive Elevation S60 must be clean, dry and free of dust, dirt, or materials that may hinder adhesion. Surfaces must be free of voids or damage, and must be structurally sound.

1. Prime all surfaces with Elevation SP1 prior to installing Elevation S60.
2. Always begin installation of membrane at outside edge or lowest point of the slope.
3. 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 indicators marks on the facer are spaced at 3".
4. Apply a 12" strip of S60 around the perimeter of the deck, extending up all vertical surfaces by at least 9" and onto the deck by at least 3"
5. For installation of inside and outside corners, refer to:
 - a. Elevation Inside Corner Detail – EBES 1040
https://docs.formulated.info/files/Detail_Elevation_Inside_Corner.pdf
 - b. Elevation Outside Corner Detail – EBES 1041
https://docs.formulated.info/files/Detail_Elevation_Outside_Corner.pdf
6. To finish each sill plate and door frame intersection, cut an 8" square piece of S60 12" and make a single cut 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 flaps flush with the exterior wall and sill plate. If needed trim the flap extending down so that it does not extend onto the deck
7. Roll all surfaces thoroughly applying at least 75 pounds of pressure. All surfaces must be smooth and fully adhered to the substrate with no visible blisters or fish mouths.

DETAIL

For installation detail, please refer to EBES1049 – Elevation Balcony Edge Detail,
This document is available on request through technical@formulatedmaterials.com

INSTALLATION IN
ENGLISH AND ESPAÑOL



GENERAL GUIDANCE

- Membrane or primer must not be applied to damp, frosty or contaminated surfaces.
- Exposure to sunlight not to exceed 120 days
- Recommend Installation temperatures between 40°F and 90°F.

WARRANTY

5 years standard warranty

10 year system warranty available when used as a component of the Elevation ONE Waterproofing System