

BENEFITS

- Solvent free, 99% solids formula will not shrink
- 30 minute skin over
- No outgassing, even on damp surfaces
- Non-sagging, applies vertically and overhead
- UV Stable, non-yellowing formula
- Specifically engineered for use with Elevation® ONE Waterproofing System™

DESCRIPTION

Elevation® SM2™ is a multi-purpose, gun-grade STPE (Silyl Terminated Polyether Technology) sealant. Engineered as a part of the Elevation® ONE Waterproofing System, Elevation® SM2 is approved for use with Elevation® S60 Sheet Waterproofing Membrane. Elevation® SM2 is used to seal all seams, terminations, and edges of the membrane, providing an additional line of defense against the intrusion of liquid water below the waterproofing system. Elevation® SM2 is designed to bond and cure in the presence of liquid water, and will tolerate water immersion immediately after application allowing it to be applied in wet weather and on damp substrates. This unique property allows for flood testing of the balcony immediately after completing the balcony waterproofing system installation. Being able to flood test immediately saves both time and money by allowing installation crews to begin work sooner.

TECHNICAL SPECIFICATIONS**PHYSICAL PROPERTIES**

Gun Grade	Non-Sagging	
Specific Gravity	1.48–1.58 g/m3	
WT/GAL	12.7 lbs (5.7 kg)	
Total Solids	99%	
VOC Content	30 g/L maximum	
Tack Free Time	60 min +/- 10 min	
Elongation at Break*	>200%	ASTM D412
Hardness, Shore A	40–50	ASTM C661
Shrinkage	None visible after 14 days	
UV Stability	6 months	
Tensile Strength	>150 psi	
Corrosive Properties	Non-corrosive	

PACKAGING

Box - 20oz Sausage, 20 each per box, 25 lbs per box

Pallet - 45 boxes per pallet, 1125 lbs per pallet

Shelf Life of 6 months from date of manufacture when stored at 70°F / 21°C with 50% RH

NOTE: High temperature and/or high relative humidity may significantly reduce shelf life.

INSTALLATION

See Elevation® Waterproofing Manual Section 4.3.4 for complete installation instructions

Wear gloves and eye protection during installation of SM2

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

Tools Required:

- 20 oz Sausage Tube Caulk Gun
- Putty Knife

**INSTALLATION IN
ENGLISH AND ESPAÑOL**



INSTALLATION *(cont.)*

INSTALLATION

1. Apply a 3/8" bead of Elevation® SM2 to every seam and exposed edge of the Elevation® S60 membrane, including the vertical leg of the S60 12"
2. Lightly tool the sealant with a putty knife after application. When tooled, the ideal application will extend 1" on either side of the seam or edge, with a thickness at the seam of 1/8".
3. Care should be taken to avoid over application on all surfaces, as excessively thick material may create a dam, preventing water from draining from the deck under the wear layer.
4. All membrane seams at the door and exterior corner details should also receive SM2, per Elevation® door opening details.
5. Apply SM2 to all membrane seams extending past the TTP, including the seam created by the vertical cut to account for the trough. It is not necessary to apply SM2 to the bottom of this extension.
6. Apply SM2 to the perimeters of Elevation® Embed Pans™ where the S60 overlaps the embed pan plate.

DETAIL

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

CLEAN UP

Wet sealant can be removed using a solvent such as alcohol. Cured SM2 can be removed by abrading or scraping the substrate. w

CAUTION

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the SDS for First Aid information. Contact Formulated Materials for most current SDS.

KEEP OUT OF REACH OF CHILDREN

WARRANTY

5 years standard warranty

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