

BENEFITS

- Patent-pending design engineered for waterproofing balcony embed plates
- Worry-free, foolproof
- Quick, time-efficient installation
- Usable regardless of the installer's skill level
- Best-in-class warranty when used with the Elevation One Waterproofing System™

DESCRIPTION

Elevation Balcony Embed System™ (BES) is designed to deliver a fast, reliable, worry-free solution for the waterproofing of balcony rail post embedded plates. Currently there is no industry accepted standard method for waterproofing these intrusions, which must be bolted directly to the balcony deck, often through the waterproofing membrane itself. This intrusion occurs where exposure to the elements is the greatest, creating tremendous risk and liability. Historically, waterproofing this potential key point of failure has relied on wide variety of products and techniques not originally designed for the application where success leans heavily on the skill, or lack thereof, of the installer.

Elevation has engineered a foolproof system that ensures the waterproofing of the balcony railing embedded plates will be installed correctly regardless of the skill level of the installer. The solution is elegant in its simplicity; The Elevation Embedded Pan is installed so that it surrounds the embedded steel rail plate. This cavity created by the Elevation Embedded Pan is then filled with ½" of Elevation Pan Sealant™, resulting in the mounting plate and fastening bolts being fully encapsulated. With the Elevation Pan Sealant conforming to the contours of the embedded plate and fasteners, the whole assembly is permanently bonded to the embedded plate and wood decking.

The result of using the Elevation Balcony Embed System is a seamless, foolproof waterproofing system for all balcony and breezeway applications.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Color	Cream	
Width	12" sq. (30.5 cm)	
Height	1/2" (1.27 cm)	
Cavity Width	5 1/2" sq (14 cm)	
Cavity Height	1/2" (1.27 cm)	
Packaging	24 per box	60 boxes per pallet
Weight	20 lbs (9 kg) per box	1200 lbs (545 kg) per pallet

(For complete physical properties of Elevation Embed Pan Sealant, please refer to FM EBES1008, available online at https://docs.formulated.info/files/TDS_Elevation_PS.pdf)

INSTALLATION

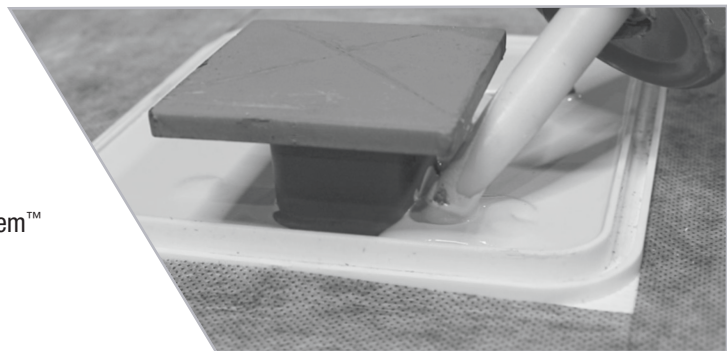
Please refer to Elevation Waterproofing Manual Section 4.2.4 for complete installation instructions

SAFETY

Always use appropriate protective clothing and eye protection
Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction

TOOLS REQUIRED

- Tape measure
 - Hammer
 - 1 1/2-2" Galvanized roofing nails
 - 32 oz Caulk gun
- (continued)



INSTALLATION IN
ENGLISH AND ESPANOL



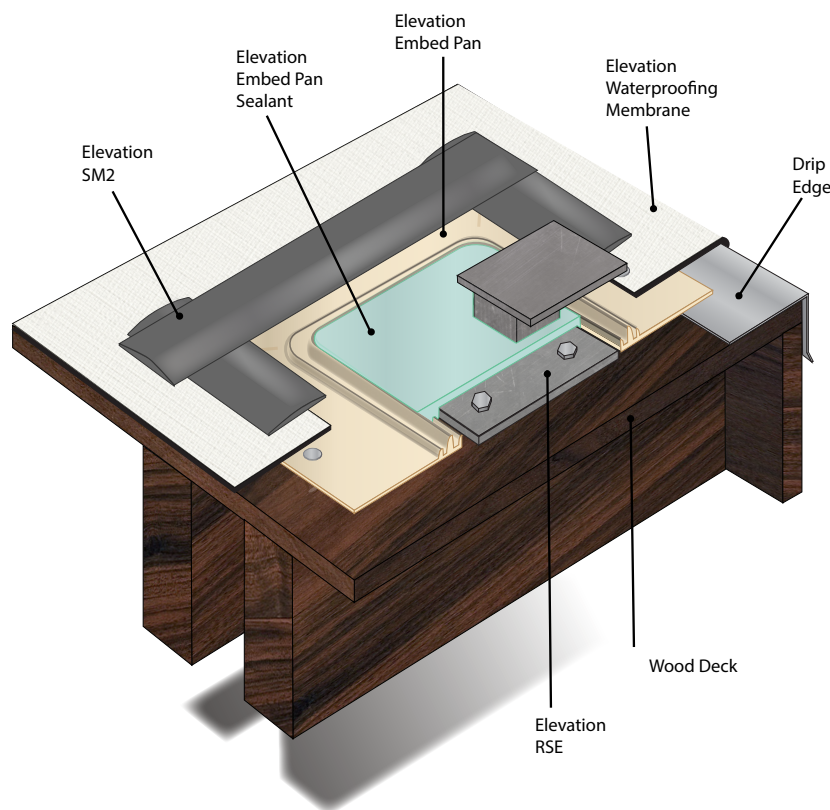
INSTALLATION (cont.)

Prior to installation, ensure:

- Embedded rail support plate mounting bolts do not extend more than ½" above the surface of balcony deck
- Balcony deck has proper slope
- Balcony deck is clean, dry and free of all loose debris and dust
- Area around embed rail support plate is free of cleaners and solvents

1. Place Elevation Embed Pan centered around embed rail plate
 - a. Ensure weep voids are positioned to face towards the highest point of slope
 - b. Elevation Embed Pan should be mounted no closer than 3" from balcony edge
 - c. For applications where plates are closer than 3", contact your Formulated Materials® Technical Representative
2. Fasten Elevation Embed Pan to deck with galvanized roofing nails using predrilled holes
3. After installation of waterproofing membrane is complete, fill void to top with Elevation Pan Sealant

DETAIL



GENERAL GUIDANCE

- All surfaces must be clean, dry and free of all debris
- Elevation Embed Pan is usable with embedded rail mounting plates that are no larger than 5" x 5" at the base. To ensure proper performance, use of Elevation RSEs is recommended.
- Leading edge of the embedded rail mounting plate must be no closer than 3in to the edge of the balcony
- Elevation BES is usable when mounting bolts extend no more than ½" above decking
- Embed Pan Sealant is UV stable for up to 90 days
- Open containers of sealant must be used as soon as possible and should not be resealed

WARRANTY

- 5 years material defect
- 10 year warranty available when used as a component of the Elevation ONE Waterproofing System