

RES 400E

reFINE EIFS Procedures

Procedure for Replacement of Sealant Joints in EIFS

INTRODUCTION

At some point it is likely that sealants used to waterproof joints in EIFS claddings will need to be removed and replaced. While drainage EIFS designs offer secondary moisture protection, even in these systems it is important to maintain sealant integrity.

EQUIPMENT

- Appropriate personal protective equipment
- Stainless steel trowel and margin trowel
- Paint brush
- Scraper
- Scoring knife and/or oscillating blade sealant cutting knife
- Air compressor
- Caulk gun
- Tooling knife
- Drill and paddle mixer
- Coarse sandpaper

MATERIALS

- Water-based paint remover
- Masking tape
- Finestone A/BC or A/BC 1-Step Base Coat
- Finestone Standard Reinforcing Mesh
- Closed cell backer rod
- Master Builders Solutions MasterSeal NP-100 or NP-150 sealant
- Master Builders Solutions MasterSeal P 179 Primer

PROCEDURE

1. Cut existing sealant away from EIFS joint using a scoring knife or a sealant cutting knife with an oscillating blade, such as the CLR Fein SuperCut Sealant Cutter Knife. Avoid slicing into the EIFS lamina. If the EIFS lamina is damaged, mark these areas for subsequent repair.
2. Remove existing sealant and backer rod from the joint. Remove sealant residue and any finish that may be present inside the joint using sandpaper, a hand-held grinder, or painter remover and a scraper.
3. Brush or blow away dust on joint surfaces.
4. Apply a skim coat of Finestone A/BC or A/BC 1-Step Base Coat to the prepared joint surfaces. If the EIFS lamina has been damaged, embed Finestone Standard Reinforcing Mesh in the base coat. Ensure that the surface of the base coat is smooth and reinforcing mesh is fully embedded and wrapped entirely into the joint to provide sufficient substrate for sealant application. Allow base coat to dry for a minimum of 24-hours.
5. Remove dust from the joint with a brush or compressed air. Mask off EIFS finish on the surface of the wall to avoid staining. Prime with Master Builders Solutions MasterSeal P173 or P179 Primer using either the cloth or brush method depending on the surface texture. Allow the primer to dry. Primed joints must receive sealant on the same day that primer is applied.
6. Install correctly sized closed-cell backer rod to the correct depth.
7. Apply MasterSeal NP100 or NP 150 sealant. Tool the sealant with a striking knife or spatula to smooth the surface, forcing the sealant against the backer rod and substrate. Use of liquid tooling agents are not recommended. Allow sealant to fully cure.

Do not apply textured finish into or over the sealant joint.

TECHNICAL SUPPORT

Consult Master Builders Solutions Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at finestone.master-builders-solutions.com/en, for additional information about products and systems and for updated literature.