



RES 303E

reFINE EIFS Procedures

Procedure for Reattachment of EIFS

INTRODUCTION

EIFS claddings that become separated from the underlying substrate can be reattached using mechanical fasteners. Separation can occur if substrates are not properly prepared prior to EIFS application, or for other reasons during the service life of the building.

The fastening schedule that is used must be adequate to manage wind pressure and other building-specific requirements. Local and national building code requirements may need to be addressed. For these reasons, it may be necessary to employ an engineering consultant who is familiar with these requirements.

EQUIPMENT

- Appropriate personal protective equipment
- Scraper, wire brush
- Stainless steel trowel and margin trowel
- Plastic float
- Drill and paddle mixer

MATERIALS

- Wind Devil 2 plates (Wind-lock Corporation)
- Fasteners of length suitable to EPS thickness and type suitable to the substrate
- Finestone Pebbletex textured finish, color matched as required
- Finestone A/BC or A/BC 1-Step Base Coat
- Finestone Standard Reinforcing Mesh

PROCEDURE

1. This procedure should be used after a determination has been made that the EIFS and underlying materials are sound and in serviceable condition. If other conditions exist that require remediation, they should be addressed either before or instead of EIFS reattachment.

2. Locate places where fasteners will be installed. For gypsum, cement board and other non nail-base sheathing, fasteners must be installed into the underlying framing.
3. Fasten with Wind Devil 2 plates and fasteners of appropriate length and type. The minimum fastener pattern is 16-inches x 16-inches; additional fasteners may be needed depending on wind load requirements and the resulting flatness of the wall.
4. Install fasteners such that the washer surface is slightly below the plane of the finish surface, but not more than 1/16-inch beneath the surface.
5. Embed Finestone Standard Reinforcing Mesh in Finestone A/BC or A/BC 1-Step Base Coat over each fastener, extending the base coat/mesh at least 9-inches in all directions around the fastener. Allow Finestone A/BC or A/BC 1-Step Base Coat to dry for at least 24-hours.
6. Apply a thin layer of Finestone A/BC or A/BC 1-Step Base Coat, creating a smooth, flat surface for reapplication of textured finish. Extend the Finestone A/BC or A/BC 1-Step Base Coat to a natural break, such as a reveal corner or sealant joint. Allow to dry.
7. Repair any surface imperfections in the base coat that may show through the textured finish, such as trowel marks or dimpling at fastener heads.
8. Apply Finestone Pebbletex textured finish using a stainless steel trowel to a thickness slightly greater than the largest aggregate in the finish. Scrape finish to a uniform thickness, then float the finish and allow to dry.

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.