



RES 300S

reFINE Stucco Procedures

Procedure for Patching Cracked Stucco

INTRODUCTION

Prior to repairing cracks, a root cause analysis is needed to determine the cause of cracking, otherwise repairs may not be effective. In some cases, stucco installation deficiencies can be corrected. Where underlying substrate conditions or structural movement cause cracks to form, a more extensive repair may be needed.

This procedure can be used for painted stucco or stucco with a textured acrylic finish.

Once a decision has been made to repair stucco cracks, four repair options are available. For hairline cracks, recoating as described in *reFINE Stucco Procedure RES 200S* can be performed.

Larger, non-moving cracks can be repaired by patching the crack as described below, or by filling it with Master Builders Solutions MasterProtect FL 746 or 748 acrylic patching compound and recoating as described in *reFINE Stucco Procedure RES 301S*. For widespread cracking, complete building resurfacing, as described in *reFINE Stucco Procedure RES 500S* is recommended.

EQUIPMENT

- Appropriate personal protective equipment
- Stainless steel trowel and margin trowel
- Plastic float
- Drill and paddle mixer

MATERIALS

- Master Builders Solutions Surface Stabilizer WB
- Master Builders Solutions Senerlastic or Finestone Pebbletex textured finish
- Finestone A/BC or A/BC 1-Step Base Coat
- Master Builders Solutions DiamondShield reinforcing mesh
- Masking tape
- Clean pails

PROCEDURE

1. Identify areas that will be resurfaced. For aesthetic reasons, resurfacing should be terminated at an architectural break in the wall such as a reveal, change in plane or change in elevation. Doing this minimizes the contrast between resurfaced areas and adjacent finishes.
2. Thoroughly clean all surfaces that will be coated, and allow to dry.
3. Inspect all sealant joints and repair as needed.
4. Protect areas that are not intended to be resurfaced and may come in contact with base coat or finish.
5. Apply Master Builders Solutions Surface Stabilizer WB to existing paint or acrylic finish that shows evidence of chalking.
6. Perform bond testing to confirm base coat adhesion.
7. Apply Finestone A/BC or A/BC 1-Step Base Coat using a stainless steel trowel to a uniform 1/16" thickness. Embed Master Builders Solutions DiamondShield directly into the wet base coat, troweling from the center outward. Overlap Master Builders Solutions DiamondShield mesh at least 2.5-inches at mesh seams. Allow base coat to dry.
8. Apply Master Builders Solutions Senerlastic or Finestone Pebbletex elastomeric 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.