RES 301S
SMaRT™ Stucco Procedure
Procedure for Repairing Stucco Cracks

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.

Once a decision has been made to repair stucco cracks, four repair options are available. For hairline cracks, recoating as described in SMaRT Stucco Procedure RES 200S can be performed. For the widespread cracking, complete building resurfacing as described in SMaRT Stucco Procedure RES 500S is recommended.

Where repairs are needed and visual appearance is not the prime consideration, non-moving cracks can be repaired by patching the crack as described in SMaRT Stucco Procedure RES 300S or by filling it with MasterProtect FL 746 or 748 acrylic patching compound and recoating as described below.

Equipment
• Appropriate personal protective equipment
• Sponge
• Rollers, roller screens, pails
• Paint brushes
• Spray equipment
• Putty knife or bulk caulking gun
• Power Router

Materials
• BASF SENERLASTIC COATING
• BASF MasterProtect FL 746 or 748
• Masking tape and materials for overspray protection

Procedure
1. Thoroughly clean all surfaces that will be coated, and allow to dry.
2. Inspect sealant joints and repair as needed.
3. Determine whether to use BASF MASTERPROTECT FL 746 (smooth) or BASF MASTERPROTECT FL 748 (textured) acrylic patching compound.
4. For small cracks up to 1/16” (1.6 mm) in width, apply patching compound using a small damp sponge with light hand pressure to fill the crack with BASF MASTERPROTECT FL 746 or FL 748.
5. For larger static (non-moving) cracks 1/16” – 1/4” (1.6 to 6 mm) in width, rout out the crack to 1/4” (6 mm) width. Fill with BASF MASTERPROTECT FL 746 or FL 748 using a putty knife or a bulk caulking gun. Float with a trowel to remove excess BASF MASTERPROTECT 746 or FL 748. Allow to dry for minimum 4-hours. Apply a second layer of BASF MASTERPROTECT FL 746 or FL 748 and smooth the surface. Allow to dry for minimum 12-hours.
6. Protect areas that may be subject to overspray. Apply BASF SENERLASTIC COATING using a brush, nap roller or spray equipment. Maintain a wet edge at all times during application. Work BASF SENERLASTIC COATING to corners, joints or other natural breaks. Do not allow material to set up within an uninterrupted wall area. When using a roller, ensure the roller is completely saturated and keep it loaded. Do not allow the roller to dry.
7. Apply a second coat of BASF SENERLASTIC COATING once the first coat is dry to the touch. Ensure that a uniform coating not less than 32 mils wet film thickness. Allow to dry.

Technical Information
Consult the BASF Technical Services department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com, for additional information about products and systems and for updated literature.
Technical Bulletin

Senergy Stucco Maintenance and Restoration Technology

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