

TECHNICAL BULLETIN

Procedure for Resurfacing Stucco

INTRODUCTION

There are many reasons to consider resurfacing stucco. Applying a resurfacing system creates a refreshed aesthetic appearance, can simultaneously address multiple points of damage, and allows installation of a strengthened layer over the stucco.

Where multiple points of damage are present, for example damage due to hailstorm impact, resurfacing may provide a more economical and attractive repair. In addition, reinforcing mesh can be used to strengthen the surface against future cracking or other damage.

For stucco that isn't damaged, resurfacing can be used to fully restore the cosmetic surface or correct inconsistencies in existing texture. Changes in color and texture can be accomplished quickly and effectively. Senerflex Tersus textured finishes can provide a hydrophobic surface that repels dirt and helps buildings remain cleaner and more visually appealing.

Senenergy specialty finishes can be used to create stucco with outstanding visual appeal, revitalizing the appearance of an existing building. Brick, stone, coral, metal and other specialty finishes are some of the effects that can be created when resurfacing stucco.

PROCEDURE

For complete list of materials and installation instructions please reference the Senenergy Stucco Resurfacing specification and selected material product bulletins.

1. Prior to resurfacing, consideration should be given to windows and other penetrations. Replacing sealants, flashings and/or inferior or damaged windows should be completed as part of a major resurfacing project.
2. Perform any repairs required beyond the scope of resurfacing. Please reference Technical Bulletin *Procedure for Repairing Stucco* for more information.
3. Identify areas that will be resurfaced. For aesthetic reasons, resurfacing should be terminated at a control joint, change in plane or change in elevation. Doing this minimizes the contrast between resurfaced areas and adjacent finishes.
4. Perform bond testing to confirm base coat adhesion. Please reference Technical Bulletin *Basics of Conducting Field Adhesion Testing* for more information. Apply SikaWall® Surface Stabilizer WB to existing paint or acrylic finish as determined by adhesion testing.
5. Thoroughly clean all surfaces that will be resurfaced. Please reference Technical Bulletin *Procedure for Cleaning Finish & Removing Efflorescence in EIFS and Stucco* for more information.
6. Protect areas that are not intended to be resurfaced, or that may come in contact with base coat or finish.
7. Apply SikaWall Stucco Surface Leveler, Senenergy Alpha or Alpha Dry Base Coat using a stainless-steel trowel to a uniform 1/16" thickness. Embed SikaWall SRT Mesh or Flexguard 4 Reinforcing Mesh directly into the wet base coat, troweling from the center outward. Overlap SRT Mesh or Flexguard 4 Reinforcing Mesh at least 2.5" at mesh seams. Allow base coat to dry.
8. For applications where there are no cracks or other damage to the existing stucco surface or where reinforcing mesh is not required, skim the existing finish with Stucco Surface Leveler, Alpha or Alpha Dry Base Coat to fill in the texture and provide a flat surface for new finish application. Allow the base coat to dry.
9. SikaWall Stucco Prime can optionally be used to alleviate potential finish shadowing and reduce base coat suction. Apply using a brush, roller or spray equipment, achieving 750–1250 sf/pail coverage. Allow to dry for at least 24 hours. Stucco Prime must be dry prior to finish application.
10. Apply Senenergy 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.
11. Remove any protective masking before the finish is dry. Touch up edges with a small paint brush. Allow finish to dry.

CONSIDERATIONS AND CONDITIONS

- Understand that matches to existing finish texture and color may be difficult. The resurfacing should always extend to a natural break to minimize aesthetic issues.
- In cases involving a finely textured finish such as Senergy Fine Finish it may be possible to apply new finish directly to the existing without skimming with base coat. However, this may result in unacceptable texture appearance and should always be verified with a mock-up area to be approved by the owner, architect, etc.
- Not for use on damp surfaces, below grade applications or on surfaces subject to water immersion.

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