PAREX®

BUILDING TRUST

TECHNICAL BULLETIN

Procedure for Resurfacing EIFS

INTRODUCTION

There are many reasons to consider resurfacing damaged EIFS. Applying a resurfacing system creates a refreshed aesthetic appearance, can simultaneously address multiple points of damage, and allows installation of a strengthened EIFS lamina.

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, high-impact mesh can be used to strengthen areas subject to heavy service conditions, or to protect against future hailstorms.

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

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

PROCEDURE

For complete list of materials and installation instruction reference the Parex EIFS Resurfacing specification and selected material product bulletins.

1. Prior to resurfacing, consideration should be given to windows and other penetrations. Replacing sealant, flashing 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 Bulletins Procedure for Repairing EIFS and *Procedure for Sealant Joint Maintenance and Repair in EIFS* for more information.
3. 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.
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 into contact with base coat or finish.
7. Apply Parex 121 or Parex 121 Dry Base Coat using a stainless-steel trowel to a uniform 1/16" thickness. Embed Parex 355 Standard Reinforcing Mesh directly into the wet base coat, troweling from the center outward. Overlap Parex 355 Standard Reinforcing Mesh at least 2.5" at mesh seams. Allow base coat to dry. For high traffic areas or areas subject to regular abuse, it's recommended to include SikaWall Ultra HI 20 Mesh. For this application apply Parex 121 or Parex 121 Dry Base Coat with a stainless-steel trowel to a uniform 1/8" thickness. Embed Ultra HI 20 directly into wet base coat, troweling form the center to the edges. Butt Ultra HI 20 mesh together at seams (do not overlap) and allow this first layer of base coat to dry. Apply a second layer of Parex 121 or Parex 121 Dry Base Coat. Embed Parex 355 Standard Reinforcing Mesh directly into the second layer of wet base coat as described above. Allow base coat to dry.
8. For applications where there is no damage to the existing lamina or where additional reinforcing mesh is not required, skim the existing finish with Parex 121 or Parex 121 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 Tinted Primer can 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. Tinted Primer must be dry prior to finish application.
10. Apply Parex 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.
    Note: We do not recommend applying a finish over existing 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

1. 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.
2. In cases involving a finely textured finish such as Parex Sand Fine Finish it may be possible to apply new finish directly to the existing finish without skimming with base coat. However, this may result in unacceptable texture appearance and should always be verified with a mockup area to be approved by the owner, architect, etc.
3. Not for use on damp surfaces, below grade applications or on surfaces subject to water immersion.
4. The use of dark colors with light reflective values (LRV) less than 20% is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 165°F (74°C).

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