



# RES 600E<sup>+</sup>

## reFINE EIFS Procedures<sup>+</sup>

### Procedure for Recladding Existing Structures<sup>+</sup>

#### INTRODUCTION

Recladding an existing building is a major project that must address multiple objectives. Each project will have unique challenges. Selection of an appropriate exterior cladding system is an important part of a comprehensive building refurbishment.

One of the prime considerations when recladding a building is creation of a refreshed building appearance. Finestone offers a wide range of smooth and textured finishes and colors. Finestone restoration claddings can create the look of stone, metal, brick and stucco. Pebbletex Tersus textured finishes provide a hydrophobic surface that repels dirt and helps buildings remain cleaner and more visually appealing.

Selection and design of Finestone wall systems should be made within the context of building conditions and project objectives. Three options are available, based on the method of fastening the cladding to the existing structure.

Finestone Pebbletex CI-DCA EIFS is widely used because it provides optimized performance in a wide range of conditions. After cleaning the existing substrate, Master Builders Solutions Surface Stabilizer WB can be used to prepare glazed, aged and weathered surfaces for adhesive fastening. A pull test should be performed in all cases to verify adhesion.

Where a mechanically-fastened cladding is required, there are two Finestone options.

Pebbletex D, D7 and D10 systems are mechanically fastened EIFS. They are a suitable choice for low-rise buildings where high wind loads are not a design consideration.

Finestone Adhered Mat Design is an EIFS cladding that utilizes a non-metallic lath mechanically fastened to the substrate. Continuous exterior insulation is adhered to the lath. The combination of mechanical and adhesive fastening creates a wall system that can be applied to inconsistent substrates. Adhered Mat Design reliably provide the highest level of wind load performance.

A fluid-applied Finestop air/water-resistive barrier is a component or an option within each of these systems. Reflashing window rough openings is required to create a continuous air barrier, and to qualify for a drainage system warranty.

Pebbletex CI-DCA and Adhered Mat Design can provide up to R-45 continuous exterior insulation. Pebbletex D, D7 and D10 systems can provide up to R-15 continuous exterior insulation.

All Finestone systems offer light weight and a high allowable deflection, minimizing structural requirements applied to existing walls. For more information, please see the respective system brochures.

#### 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](http://finestone.master-builders-solutions.com/en), for additional information about products and systems and for updated literature.