

MAINTENANCE AND REPAIR RECOMMENDATIONS HIGH PERFORMANCE WALL COATING SYSTEMS

Your wall system is designed to meet specific environmental conditions detailed during the product selection and specification process. It is important that the chemical concentration, exposure time and temperature remain within the original design parameters. If the wall is exposed to chemicals exceeding the intended use, the chemicals should be rinsed off and the wall should be inspected immediately. Routine and thorough review of the condition of the high performance wall system shall be performed. In the event that repairs are necessary, the installing contractor and technical service should be notified immediately. The installing contractor shall be given free and unencumbered access to the area in need of repair. When repairs are necessary, consult technical service for specific procedures for your installation.

Inspection of caulk and expansion joints that are a part of the wall system should occur during the routine inspections. The integrity of the sealants is important to prevent penetration of chemicals behind the wall coating and degradation of the wall itself.

RECOMMENDED WALL SYSTEM REPAIR PROCEDURES

RESUWALL™: DECOFLAKE, AQUA FR, FX, AQUA GR I, AQUA GR II, AQUA

The degree of damage will dictate the repairs required. In all cases, an analysis should be conducted to understand the cause of damage to prevent similar damage in the future. The substrate must be sound prior to repairing or replacing the wall system.

NOTE: A patched area will be noticeably visible from the untreated area. To improve the aesthetic finish, the final topcoat should be applied to an entire panel to natural break points. Any surface receiving a new topcoat must be sanded before coating.

I. WALL BOARD BREACH

In the case of wall board breakthrough, remove damaged area and replace with wall board. All joints must be filled and leveled using a compatible filler such as Sheetrock® Brand Drywall Repair Kit. The topcoat of the replacement wall system will overlap onto the surrounding sound area, therefore approximately two inches around the patch area must be sanded (120-220 grit sand paper) to accept a new finish coat. Replace the wall system based upon the original installation instructions. The final topcoat will extend approximately two inches beyond the patched area.

II. MINOR SUBSTRATE DAMAGE

In the case of minor substrate damage including cracks, the area must be patched and leveled with an acceptable repair material, such as Sheetrock® Brand Drywall Repair Kit. The topcoat of the replacement wall system will overlap onto the surrounding sound area, therefore approximately two inches around the patch area must be sanded (120-220 grit sand paper) to accept a new finish coat. Replace the wall system based upon the original installation instructions. The final topcoat will extend approximately two inches beyond the patched area and can be feathered.

RECOMMENDED WALL SYSTEM REPAIR PROCEDURES**CONTINUED****III. DAMAGE EXTENDING INTO THE WALL SYSTEM BUT NOT THE SUBSTRATE**

Remove the damaged material and sand (120-220 grit sand paper) existing wall system about two inches around the affected area. Replace the wall system based upon the original installation instructions. The final topcoat will extend approximately two inches beyond the patched area.

IV. SURFACE SCRAPES AND GOUGES AFFECTING THE FINISH COAT ONLY

Sand the area extending approximately two inches around the affected area. Apply one or two coats of the final topcoat to a tape line. This line will be noticeable unless the entire wall is topcoated.