

Recommendations for Re-stuccoing

The following information is provided to assist in maintaining industry best practices and standards for the re- stucco industry in job preparation, workmanship and job quality.

1. ***Existing buildings with the original stucco that is in good sound condition with minimal peeling or flaking;*** Associated Plastering & Lathing Contractors Association, hereafter referred to as APLC, recommends sand blasting or hand scraping combined with hydro-blasting. All walls to be bonded, if needed with a plaster adhesive that meets ASTM 932 standards applied by either spray or paint roller according to manufactures specifications.
2. ***Existing buildings that have multiple re-stucco coats that are peeling and flaking;*** APLC recommends sandblasting as best trade practice or Hydro blasting combined with hand scraping to a stable surface* as acceptable trade practice. All walls to be bonded, if needed, with a plaster adhesive that meets ASTM 932 standards applied by either spray or paint roller according to manufactures specifications
3. ***Existing buildings with one or more coats of paint;*** APLC recommends sandblasting as best trade practice or Hydro blasting combined with hand scraping to a stable surface* as acceptable trade practice. All walls to be bonded with a plaster adhesive that meets ASTM standards applied by either spray or paint roller according to manufactures specifications. If the old painted surface blisters or peels it may cause the stucco to fail.
4. ***Existing buildings with Tex-cote and high rubber base paint products;*** Existing buildings with Tex-cote and high rubber base paint products will only allow a minimal of approximately 5% - 20% removal. APLC recommends sand blasting all walls to remove all loose or blistered Tex-cote and rubber base paints as best trade practice or hand scraping combined with Hydro blasting as acceptable trade practice. Removal of Tex-cote and rubber base paint is expected to be a small amount and varies from job to job. All walls to be bonded with a plaster adhesive that meets ASTM 932 standards applied by either spray or paint roller according to manufactures specifications.
5. ***Removing all dust residue and debris prior to bonding and application of the finish stucco;*** .APLC recommends all sandblasted walls must be washed or hydro-blasted and hand scraped to remove all dust residue and debris prior to bonding and application of the finish stucco. Hydro-blasting after sand blasting will also cause the pulverized edges of the existing paint to roll and curl up from the plaster cladding as the moisture dries.

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The amount of pulverized paint roll and curl depends on the condition, layers, and types of paint. The pulverized paint is typically hand scraped just before exterior bonder (that meets ASTM 932 standards) and the finish stucco is applied.

6. **Lead removal:** APLC recommends that all remodel contractors are CERTIFIED LEAD SAFE RENOVATORS and closely follow the Environmental Protection Agency's lead safe work practices. Federal law and local city laws require contractors or home owners that disturb painted surfaces in or on homes, commercial buildings, child care facilities and schools, built before 1978 to be lead-certified and follow specific work practices to prevent lead contamination. Licensed contractors, now called LEAD RENOVATORS, after successfully completing mandatory formal lead training required by the Environmental Protection Agency under section 40 cfr 745, are the only contractors that are permitted by law to renovate your painted interior and exterior surfaces. To maximize compliance by violators the Environmental protection Agency's enforcement action could impose penalties of up to \$32,500 per violation, per day until all violations are in compliance.
7. **Sandblasting Painted Surfaces:** There is no building code or contractor's license law that requires contractors to sandblast painted surfaces before re-stuccoing with acrylic or cement base stucco. It is APLC's recommendation and best trade practice to sandblast all painted surfaces before applying a cement base stucco finish.
8. **Re-stucco over smooth trowel stucco surfaces:** APLC recommends either applying an exterior bonder that meets ASTM 932 Standards and a pre-coat or sand blast or etching. Use of bonding agents over Santa Barbara finish may or may not cause excessive check cracking when a smooth finish is applied over the bonder.

When applying a smooth surface over an existing smooth surface: APLC recommends that a cementious based product be applied over the bonder prior to applying the smooth finish coat, per manufacturer's recommendations.

9. **Sandblast etching & Paint Damage:** Due to the nature of sandblasting it is possible to have some sandblast etching on eaves, windows, or door trim. APLC recommends the customer paint all eaves and fascia after sand blasting is completed and prior to stucco application. As prep work, the stucco contractor must tape off painted surfaces which may lift existing paint. It is the owners responsibility to paint or touch up painted surfaces after completion of stucco application

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10. **Applying Acrylic stucco over existing painted surfaces:** APLC recommends hydro-blasting or sand-blasting the walls to a stable surface* before applying an acrylic finish over paint. If the old painted surface blisters or peels it may cause the acrylic stucco to fail. In some cases the painted surface may need to be leveled. In this case a polymer modified basecoat should be applied. The basecoat and finish coat should be applied per manufacturer recommendations. APLC also recommends applying an acrylic primer prior to the acrylic finish coat.
11. **Hydro blasting Equipment:** APLC recommends that all hydro blasting equipment should produce 3,000 psi or better to achieve the best quality prep work on all hydro blast and re-stucco projects.
12. **Sandblasting Equipment:** APLC recommends that all sandblasting equipment should produce 250 cfm or greater to achieve the best quality prep work on all sandblast and re-stucco projects.
13. **Licenses:** APLC recommends all contractors and their equipment hold all required licenses and be registered with the appropriate governing authority's listed
 - a. California State Contractors License
 - b. The Environmental Protection Agency
 - c. The Air pollution Control Agency
 - d. Must be a Certified Lead Safe Renovator with the Environmental Protection Agency

Disclaimer: This Guide line provides information on sandblasting and re- stucco systems as a service and does not provide a warranty, express or implied by APLC. This guide line is not intended for any specific project and should be deemed as general information. Due to unique circumstances, regional practices, alternate methods and circumstances beyond the knowledge of the Associated Plastering & Lathing Contractors Association, It is the responsibility of the architect/designer, code authority and/or the contractor to determine if the information is appropriate for a project and/or circumstance. APLC accepts no liability or responsibility for the workmanship or quality of any contractor and or his customer's.