

Butterfield Color® Blue Delaminator™ – Guide Specification

NOTE** This Section is based on systems of

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NOTE** This guide specification is intended to be used by a qualified construction specifier. It should not be used without appropriate modifications.

NOTE** Notes for review by specifier begin with “NOTE**.” Optional text requiring a selection is enclosed within brackets, e.g., “Color shall be [gray] [white].” Items requiring specifier input are indicated by a blank line enclosed within brackets, e.g., “Color: [_____].” Delete specifier notes and non-applicable optional text in final specification.

NOTE** Specification Section numbers and Section titles are according to The Construction Specifications Institute MasterFormat™ 1995 edition and indicated within brackets for MasterFormat™ 2004 edition.

GUIDE SPECIFICATION

NOTE ** Retain one Section number below and revise footer Section number to match.

SECTION 03915 [03 01 30.53] 09995 [09 01 90.53]

CHEMICALLY REMOVING COATINGS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes: Chemically removing coatings.

1.2 SUBMITTALS

A. Submit according to Conditions of the Contract and Division 1 Specification Sections.

B. Product Data: For each product indicated.

C. Qualification Data: For Applicator and manufacturer specified in Quality Assurance Article, including names and addresses of completed projects, architects, and owners.

1.3 QUALITY ASSURANCE

A. Applicator Qualifications: [Two] [_____] year's experience with projects of similar scope and quality.

NOTE ** Delete paragraph above or below.

- B. Applicator Qualifications: Trained or approved by manufacturer of coating remover.
- C. Manufacturer's Qualifications: Three year's experience manufacturing products required.
- D. Source Limitations: Obtain products from same source throughout Project.
- E. Mockup: Prepare mockups of coating removing to set quality standards for workmanship and application. Locate at site and obtain approval before start of final work. Mockup shall be minimum [25 sq. ft. (2.3 sq. m)] [_____].
 - 1. Test coating remover and methods on coatings and adjacent materials to determine any adverse reactions.
 - 2. Use materials, tools, and techniques that will be utilized for work to determine coverage rate, number of applications, dwell time, substrate compatibility, and removal method.
 - 3. Approved mockups set quality standards for comparison with remaining work.
 - 4. [Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.]

NOTE ** Delete paragraph below if preinstallation conference is not required.

- F. Preinstallation Conference: Conduct conference at site to comply with requirements of Division 1 Section "Project Meetings."

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in original packaging with labels intact.
- B. Store in clean, dry and protected location, according to manufacturer's requirements.

1.5 PROJECT CONDITIONS

- A. Environmental Requirements: Comply with coating remover manufacturer's instructions.
 - 1. Do not apply coating remover if air temperature and concrete substrate temperature are not between 50 to 90 deg F (10 to 32 deg C) before and during application.
 - 2. In hot weather, apply coating removers in early morning or when surfaces are shaded.
 - 3. Protect coating removers from rain for 24 hours.

PART 2 - PRODUCTS

2.1 COATING REMOVERS

- A. Coating Removers: Manufacturer's standard water-based, biodegradable, low-odor, coating remover formulation for removing acrylic, urethane, epoxy, and latex coatings from concrete, metal, masonry, wood, and stone.
 - 1. Product: Butterfield Color® Blue Delaminator™.

B. ACCESSORY MATERIALS

1. Masking Tape: Nonstaining, nonabsorbent masking tape, compatible with indicated substrates, that removes easily, including adhesive.

C. Miscellaneous Products: Select materials and methods based on the following, and approved on mockups:

1. Effectiveness in performing work indicated.
2. Tools, General: Chemical-resistant type.
3. Application Tools: Airless sprayer, brush, or roller (vertical surfaces only), as recommended by coating remover manufacturer.
4. Removal Tools: Scrapers, stiff-bristled brushes, squeegees, wet vacuums, and high-pressure washers, as recommended by coating removal manufacturer, that do not scratch, abrade, etch, or damage substrate, including adjacent substrates not in contract.

D. Water: Potable.

2.2 MIXING

- A. Mixing Coating Removers: Mix coating remover according to manufacturer's instructions.

PART 3 - EXECUTION

3.1 PROTECTION

- A. Protect personnel, vehicles, surrounding surfaces, plastic, rubber, site, plants, and adjacent structures from coating removal.
1. Erect protective plastic sheeting over adjacent painted or coated surfaces, and plants, and secure by double taping.
- B. Clean up spills immediately. Clean application tools with clean water immediately after use.

3.2 COATING REMOVER APPLICATION

- A. Apply coating remover according to manufacturer's instructions.
- B. Apply an even layer of coating remover to entire coating surface, at 1.5 to 2 times the thickness of the coating.

NOTE ** Delete subparagraph below if multi-layered coating removal is not required.

1. Multi-Layered Coatings: Removed each delaminated layer and re-apply coating remover to subsequent layer of multi-layered coatings.

NOTE ** Delete subparagraph below if coating removal from heavily-textured surfaces is not required. Delete textured surfaces below that are not required.

2. Stamped Concrete, Broom-Textured Concrete, Joints, and Heavily-Profiled Surfaces: Re-apply coating remover to remove built-up coatings in depressions of textured surfaces.

NOTE ** Delete subparagraph below if coating removal from vertical surfaces is not required.

3. On glossy vertical surfaces, apply coating remover in two applications to desired thickness, according to manufacturer's instructions.
- C. Dwell Time: Allow coating remover to remain on surface for period established by mockup. If coating remover dries during dwell time, lightly reapply more coating remover.
 1. Do not brush or agitate the surface.

3.3 COATING REMOVAL

- A. Coating Removal: Remove coating within 48 hours of application. Using removal tool, or a combination of removal tools, remove delaminated residue.
- B. Rinse with water to remove coating residue. Clean removal tools immediately after use.
- C. Dispose of residue according to requirements of authorities having jurisdiction.

3.4 CLEANING

- A. Clean spillage and residue from adjacent construction according to manufacturer's instructions.

END OF SECTION

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