



Prepared for use by Hallman Lindsay Quality Paints, Inc.
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SECTION 09 91 00 – PAINTING
Commercial New Construction

PAINT MADE IN WISCONSIN FOR WISCONSIN since 1956

Today, we proudly stand alone as the only remaining Wisconsin-based paint manufacturer making our own paint that we sell in our own stores. Our practice of local production, producing goods for Wisconsin in Wisconsin, minimizes the expenses and harmful effects of otherwise transporting our goods thousands of miles. We have store locations spread throughout the state, each one staffed with great people and selling quality paint products. Hallman Lindsay Paints has been manufacturing paint in Wisconsin since 1956 and our paint can be found in Camp Randall, the Kohl Center, Monona Terrace, and thousands of homes across Wisconsin.

This GUIDE SPECIFICATION has been provided to serve as tool for selecting finishes for Commercial New Construction projects. Products listed are intended to meet the needs specific to this segment and are in no means a comprehensive list of products available. Please review for content and use to guide the product selection process as it pertains to the specific project and geographic location.

Product offerings for this guide were selected for lower volatile organic compound (VOC) content and most meet LEEDv4 requirements. Products are sorted by substrate type, sheen offering and quality level for convenient browsing.

If additional product information, color marketing tools or product selection assistance is needed please visit hallmanlindsay.com or contact your local account manager or technical support.

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes surface preparation and the application of paint systems on interior and exterior substrates.
- B. Related Requirements:

**** NOTE TO SPECIFIER **** Retain subparagraphs below to cross-reference requirements Contractor might expect to find in this Section but are specified in other Sections.

**** NOTE TO SPECIFIER **** Primers in other Sections must be coordinated for compatibility with finish coats specified in this Section. Review other Sections for shop-primed products, and insert references to this Section to establish primer requirements.

1. Section 05 12 00 "Structural Steel Framing" for shop priming of metal substrates.
2. Section 05 50 00 "Metal Fabrications" for shop priming metal fabrications.
3. Section 05 52 13 "Pipe and Tube Railings" for shop priming pipe and tube railings.
4. Section 09 94 00 "Decorative Finishing" for decorative, faux and multi-colored finishes.

1.3 DEFINITIONS

**** NOTE TO SPECIFIER **** Retain this article if paints are specified by manufacturers' trade names rather than by MPI paint numbers. Definitions of MPI Gloss Levels below are from "MPI Architectural Painting Specification Manual" (hereafter, "MPI Manual").

**** NOTE TO SPECIFIER **** Retain terms that remain after this Section has been edited for a project.

- A. Gloss Level:
 1. Gloss level 1 - Flat: 0-4 units at 60 degrees, according to ASTM 523.
 2. Gloss level 2 - Matte: 1-4 units at 60 degrees, according to ASTM 523.
 3. Gloss level 3 - Lo-Sheen: 4-6 units at 60 degrees, according to ASTM 523.
 4. Gloss level 4 - Eggshell: 6-16 units at 60 degrees, according to ASTM 523.
 5. Gloss level 5 - Satin: 18-25 units at 60 degrees, according to ASTM 523.
 6. Gloss level 6 - Semi- Gloss: 35-50 units at 60 degrees, according to ASTM 523.
 7. Gloss level 7 - Gloss: 50+ units at degrees, according to ASTM 523.
- B. Quality Levels: Terms used to describe in general product performance.
 1. Designer Quality: These Ultra-Premium products are formulated for maximum protection and easy application. Typically provide the longest wear with superior washability and stain resistance.

2. Premium: Premium products provide significant improvements in performance and application over professional grade products. Longer lifecycle reduces the frequency of ongoing maintenance.
3. Professional: Professional quality products are formulated to meet the needs and requirements of contractor application. Durable finish with good maintenance qualities and low odor/Zero-VOC.
4. High Performance: High performing products formulated for high wear areas subject requiring added durability and stain resistance over traditional architectural coatings.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.
 1. Include Printout of current "Product Data Sheet" for each product specified, with the product specifications, usage and precautions.
 2. Indicate VOC content.
- B. Sustainable Design Submittals:

**** NOTE TO SPECIFIER **** "Product Data" Subparagraph below applies to LEED 2009 NC, CI, and CS; LEED v4; IgCC; ASHRAE 189.1; and Green Globes. Coordinate with requirements for paints and coatings.

1. Product Data: For paints and coatings, indicating VOC content.

**** NOTE TO SPECIFIER **** "Laboratory Test Reports" Subparagraph below applies to LEED 2009 for Schools, LEED v4, IgCC, ASHRAE 189.1, and Green Globes. Coordinate with requirements for paints and coatings.

2. Laboratory Test Reports: For paints and coatings, indicating compliance with requirements for low-emitting materials.

- C. Samples for Verification: For each type of paint system and in each color and gloss of topcoat.

**** NOTE TO SPECIFIER **** Color and gloss of Samples change as they age; seven-day old Samples appear different from freshly dried Samples.

1. Submit Samples on rigid backing, 8 inches (200 mm) square.
2. Apply coats on Samples in steps to show each coat required for system.
3. Label each coat of each Sample.
4. Label each Sample for location and application area.

- D. Product List: Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules. Include color designations.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

**** NOTE TO SPECIFIER **** If necessary, replace percentage in "Paint" Subparagraph below with a specific number of gallons (liters) or cases and include an expanded description of the quantity of each material and color.

1. Paint: 5 percent, but not less than 1 gal. (3.8 L) of each material and color applied.

1.6 QUALITY ASSURANCE

- A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 1. Architect will select one surface to represent surfaces and conditions for application of each paint system.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
 - b. Other Items: Architect will designate items or areas required.
 2. Final approval of color selections will be based on mockups.
 - a. If color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.
 3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 50 deg F (10 deg C).
 1. Refer to product data sheets for specific product information.
 2. Maintain containers in clean condition, free of foreign materials and residue.
 3. Remove rags and waste from storage areas daily.

**** NOTE TO SPECIFIER **** If necessary, insert special requirements for fire protection, heating, ventilation, and other conditions for storage areas on-site.

1.8 FIELD CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F (10 and 35 deg C).
- B. Do not apply paints in snow, rain, fog, or mist; when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.

PART 2 - PRODUCTS

**** NOTE TO SPECIFIER **** Manufacturers and products listed in SpecAgent and MasterWorks Paragraph Builder are neither recommended nor endorsed by the AIA or AVITRU. Before inserting names, verify that manufacturers and products listed there comply with requirements retained or revised in descriptions and are both available and suitable for the intended applications. For definitions of terms and requirements for Contractor's product selection, see Section 016000 "Product Requirements."

2.1 MANUFACTURERS

- A. Products: Subject to compliance with requirements, provide product listed in the Painting Schedule for the paint category indicated.
- B. Acceptable Manufacturer: Hallman Lindsay Quality Paints, Inc.; 1717 N Bristol Street, Sun Prairie WI 53590-1287; Telephone: (608) 834-8844; Website: <http://www.hallmanlindsay.com>.

**** NOTE TO SPECIFIER **** Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

- C. Substitutions: Not permitted.
- D. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 PAINT, GENERAL

- A. Material Compatibility:
 - 1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 - 2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.

**** NOTE TO SPECIFIER **** "VOC Content" Paragraph below applies to LEED 2009 NC, CI, and CS Credit IEQ 4.2.

- B. VOC Content: For field applications that are inside the weatherproofing system, verify paints and coatings comply with VOC content limits of authorities having jurisdiction and the following VOC content limits:

**** NOTE TO SPECIFIER **** Categories in subparagraphs below are taken from LEED rating systems and the standards referenced by them; if clarification is required, see those documents or the reference guides.

- 1. Flat Paints and Coatings: 50 g/L.
- 2. Nonflat Paints and Coatings: 150 g/L.
- 3. Dry-Fog Coatings: 400 g/L.
- 4. Primers, Sealers, and Undercoaters: 200 g/L.
- 5. Anticorrosive and Antirust Paints Applied to Ferrous Metals: 250 g/L.
- 6. Zinc-Rich Industrial Maintenance Primers: 340 g/L.

7. Pretreatment Wash Primers: 420 g/L.
8. Shellacs, Clear: 730 g/L.
9. Shellacs, Pigmented: 550 g/L.

**** NOTE TO SPECIFIER **** Delete color requirement not required. Add additional color selection requirements if required.

- C. Colors: [As selected by Architect from manufacturer's full range] [Match Architect's samples] [As indicated in a color schedule] **<Insert requirements>**.

**** NOTE TO SPECIFIER **** "Low-Emitting Materials" Paragraph below applies to LEED 2009 for Schools.

- D. Low-Emitting Materials: Verify interior paints and coatings comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:

**** NOTE TO SPECIFIER **** Percentages in six subparagraphs below are based on "MPI Manual."

1. Concrete: 12 percent.
 2. Fiber-Cement Board: 12 percent.
 3. Masonry (Clay and CMUs): 12 percent.
 4. Wood: 15 percent.
 5. Gypsum Board: 12 percent.
 6. Plaster: 12 percent.
- C. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.
 - D. Proceed with coating application only after unsatisfactory conditions have been corrected.
 1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

**** NOTE TO SPECIFIER **** For renovation projects revise first paragraph below and paint systems specified in the Interior Painting Schedule.

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.
- B. Verify adhesion of primers and finishes prior to painting.
- C. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- D. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.

**** NOTE TO SPECIFIER **** Coordination of shop-applied prime coats with topcoats is critical.

- 1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.
- E. Gypsum Board Substrates: Verify that finishing compound is sanded smooth. Remove sanding dust.
- F. Exterior Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
- G. Plaster Substrates: Verify that plaster is fully cured.
- H. Spray-Textured Ceiling Substrates: Verify that surfaces are dry.
- I. Portland Cement Plaster Substrates: Verify that plaster is fully cured.
- J. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
- K. Masonry Substrates: Remove efflorescence and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces or mortar joints exceeds that permitted in manufacturer's written instructions.

**** NOTE TO SPECIFIER **** Retain "Steel Substrates" Paragraph below if steel is not shop primed or if shop primer is removed in the field.

- L. Steel Substrates: Remove rust, loose mill scale, and shop primer, if any. Clean using methods recommended in writing by paint manufacturer[.] [but not less than the following:]

**** NOTE TO SPECIFIER **** Usually retain one of first two subparagraphs below. SSPC-SP 2 and SSPC-SP 3 remove loose rust, mill scale, and paint. SSPC-SP 2 is minimum surface preparation accepted by AISC for painted steel.

- 1. SSPC-SP 2.
- 2. SSPC-SP 3.

**** NOTE TO SPECIFIER **** SSPC-SP 7/NACE No. 4 permits tight residues of rust, mill scale, and coatings to remain. Be aware that blast cleaning methods may not be practical for use at Project site and may not be allowed by authorities having jurisdiction.

3. SSPC-SP 7/NACE No. 4.

**** NOTE TO SPECIFIER **** SSPC-SP 11 requires complete removal of rust, mill scale, and paint by power tools. SSPC-SP 11 uses nonabrasive methods and is more thorough than SSPC-SP 2, SSPC-SP 3, and SSPC-SP 7/NACE No. 4.

4. SSPC-SP 11.

**** NOTE TO SPECIFIER **** Retain "Shop-Primed Steel Substrates" Paragraph below if primers are shop applied and are not removed in the field.

- M. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and areas where shop paint is abraded. Paint exposed areas with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.

**** NOTE TO SPECIFIER **** Galvanized-metal substrates should not be chromate passivated if primers are field applied. If galvanized metal is chromate passivated, consult manufacturers for appropriate surface preparation and primers.

- N. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.

- O. Aluminum Substrates: Remove loose surface oxidation.

- P. Wood Substrates:

1. Scrape and clean knots, and apply coat of knot sealer before applying primer.
2. Sand surfaces that will be exposed to view, and dust off.
3. Prime edges, ends, faces, undersides, and backsides of wood.
4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.

- Q. Cotton or Canvas Insulation Covering Substrates: Remove dust, dirt, and other foreign material that might impair bond of paints to substrates.

- R. Plastic Trim Fabrication Substrates: Remove dust, dirt, and other foreign material that might impair bond of paints to substrates.

3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."

**** NOTE TO SPECIFIER **** If Project requires restricted application method (e.g., using only spray or rollers), revise first subparagraph below accordingly.

1. Use applicators and techniques suited for paint and substrate indicated.

2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.
6. Paint both sides and edges of exterior doors and entire exposed surface of exterior door frames.
7. Paint entire exposed surface of window frames and sashes.

**** NOTE TO SPECIFIER **** If tinting is not required, delete first paragraph below. Different tints show through as topcoat erodes.

- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
- E. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
 1. Paint the following work where exposed in equipment rooms:

**** NOTE TO SPECIFIER **** List below contains items that are often field painted, plus others that are often not. Revise list to suit Project.

- a. Equipment, including panelboards[**and switch gear**].
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.
 - g. Tanks that do not have factory-applied final finishes.
 - h. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - i. **<Insert mechanical items to be painted>**.
2. Paint the following work where exposed in occupied spaces:

**** NOTE TO SPECIFIER **** List below contains items that are usually field painted. Revise list to suit Project.

- a. Equipment, including panelboards.
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.
 - g. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - h. Other items as directed by Architect.
 - i. **<Insert mechanical items to be painted>**.
3. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

3.4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 1. Contractor shall touch up and restore painted surfaces damaged by testing.
 2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

**** NOTE TO SPECIFIER **** Product lines overview and general performance for paint product selection:

PURE – Ultra-Premium advanced environmentally responsible interior wall paint with exceptional stain and mar resistance in all colors. Anti-microbial Zero-VOC, solvent free and virtually odor free formulation promotes the highest level of indoor air quality during construction and ongoing maintenance.

EARTHSCAPES – Premium alternative to professional wall finishes. The Zero-VOC formula creates virtually no odor while ceramic-enhanced formula creates a highly scrubbable protective barrier for reduced maintenance costs. Meets LEEDv4 requirements making it ideal for sustainability-focused projects.

PROKOTE - Professional line of interior latex finishes designed for reliable, everyday performance. MPI certified, LEED v4 compliant formulation delivers easy production application for commercial and institutional projects meeting the strictest air quality standards.

AQUAPOXY1 – High performing single-component waterborne epoxy. Low-odor epoxy finish tolerates repeated washing with cleaners and disinfectants. Protects heavy wear areas from marring, staining, moisture and discoloration for longer service life and reduced maintenance.

AQUA ALKYD – Ultra-premium alkyd-acrylic enamel formulated for doors, trim, millwork and cabinets. Zero-VOC formula has virtually no odor and meets LEEDv4 requirements making it ideal for sustainability-focused projects.

CLEARGUARD WB URETHANE – Ultra-premium waterborne clear wood finish formulated to seal and protect vertical wood surfaces. Water white formula produces a crystal-clear finish that is highly resistant to scratches, abrasion and heavy wear wood surfaces.

LATEX DRYFALL – Professional interior latex coating designed to improve lighting quality and aesthetics of interior spaces. This fast-drying film is designed for overhead spray application. Nonyellowing LEEDv4 compliant formulation for sustainability-focused projects.

TRU-GLAZE WB – High performance waterborne epoxy coating with low-VOC formulation. Highly resistant to chemicals, stain and abrasion and is ideal for areas subject to continuous high moisture.

HALLMAN LINDSAY FINISHING RECOMMENDATIONS

INTERIOR

High-Performance Acrylic: Duratech Series.

Designer Finish: PURE, AQUA ALKYD and LUSTRE Series.

Premium Finish: WonderKote, AQUAPOXY1 and Earthscapes Series.

Professional Finish: Pro Kote Series.

Builder's Legacy Finishes: Master Kote, Velvet Armor, and Premium Hi-Build Series.

EXTERIOR

High-Performance Acrylic: Duratech Series.

Designer Finish: Generation Series.

Premium Finish: Weatherguard Series.

Professional Finish: Dura Kote Series.

**** NOTE TO SPECIFIER ** Delete exterior painting schedule finishes not required.**

3.6 EXTERIOR PAINTING SCHEDULE

A. Concrete Finishing:

1. Vertical Porous Surfaces - Brick, Block, Split-Face, and Other Similar Vertical Masonry Surfaces.
 - a. Flat Finish – Designer Finish:
 - 1) 1st Coat: GRIPCRETE A/R MASONRY SURFACER, 179.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 50 g/L.
 - c) DFT: 7.7-10 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - b. Lo-Sheen Finish – Professional Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY SURFACER, 179.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 50 g/L.
 - c) DFT: 7.7-10 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.
 - a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.
 - a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
2. Vertical Smooth Surfaces - Tilt-Up, Precast, Poured, Stucco, and Other Similar Vertical Masonry Surfaces.
 - a. Flat Finish – Professional Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - b. Lo-Sheen Finish – Professional Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.

- a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.
 - a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
- 3. Horizontal Surfaces - Patios, Walkways, Stairs, and Other Similar Smooth, Unsealed Horizontal Non- Vehicular Surfaces.
 - a. Matte Finish (Opaque)
 - 1) Vehicle Type: 100 % Acrylic.
 - 2) VOC Content: 76 g/L.
 - 3) 1st Coat: FLOORGUARD Porch and Floor Enamel, 309.
 - a) DFT: 1.2 mils.
 - 4) 2nd Coat: FLOORGUARD Porch and Floor Enamel, 309.
 - a) DFT: 1.2 mils.

B. Wood Finishing:

- 1. Paint Systems - Above-Grade Surfaces Vertical Surfaces.
 - a. Flat Finish – Professional Finish
 - 1) 1st Coat: PRIMEGUARD Premium Acrylic Exterior Wood Primer, 112.
 - a) Vehicle Type: Alkyd-Modified Acrylic.
 - b) VOC Content: 25 g/L.
 - c) DFT: 1.3 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Flat, 171.
 - a) VOC Content: 26 g/L.
 - b) DFT: 1.3 mils.
 - b. Lo-Sheen Finish – Professional Finish
 - 1) 1st Coat: PRIMEGUARD Premium Acrylic Exterior Wood Primer, 112.
 - a) Vehicle Type: Alkyd-Modified Acrylic.
 - b) VOC Content: 25 g/L.
 - c) DFT: 1.3 mils.
 - 2) 2nd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.
 - a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
 - 3) 3rd Coat: DURAKOTE 100% Acrylic Exterior Lo-Sheen, 170.
 - a) VOC Content: 76 g/L.
 - b) DFT: 2.5 mils.
- 2. Stain Systems - Vertical and Horizontal Siding, Decking, Pergolas, and Other Above-Grade Wooded Surfaces.
 - a. Flat - Solid/Opaque Stain
 - 1) Vehicle Type: Alkyd Latex.
 - 2) VOC Content: 17 g/L.
 - 3) 1st Coat: TIMBERSHADES Opaque/Solid Hybrid Resin Stain, 188.
 - a) Apply at 200 to 400 SF/GAL.
 - 4) 2nd Coat: TIMBERSHADES Opaque/Solid Hybrid Resin Stain, 188.
 - a) Apply at 200 to 400 SF/GAL.
 - b. Eggshell - Semi-Transparent/Semi-Opaque Stain
 - 1) Vehicle Type: Alkyd Latex.
 - 2) VOC Content: 22 g/L.

- 3) 1st Coat: TIMBERSHADES Semi-Transparent Hybrid Resin Stain, 198.
 - a) Apply at 200 to 400 SF/GAL.
 - 4) 2nd Coat: TIMBERSHADES Semi-Transparent Hybrid Resin Stain, 198.
 - a) Apply at 200 to 400 SF/GAL.
 - c. Flat - Wood Toner – Transparent Stain
 - 1) Vehicle Type: Linseed Oil / Alkyd.
 - 2) VOC Content: 522 g/L.
 - 3) 1st Coat: TIMBERSHADES Natural Wood Toner, 197.
- C. Metal Finishing: Ferrous Metals, Primed: Latex Finish.
- 1. Satin Finish - Professional
 - 1) 1st Coat: METALGUARD DTM Acrylic Primer/Finish, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: DURATECH 100% Acrylic Satin Enamel, 318.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
 - 3) 3rd Coat: DURATECH 100% Acrylic Satin Enamel, 318.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
 - 2. Gloss Finish – Professional
 - 1) 1st Coat: METALGUARD DTM Acrylic Primer/Finish, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: DURATECH 100% Acrylic Gloss Enamel, 317.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
 - 3) 3rd Coat: DURATECH 100% Acrylic Gloss Enamel, 317.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
- D. Metal Finishing: Non-Ferrous Metals, Primed: Latex Finish.
- 1. Satin Finish - Professional
 - 1) 1st Coat: METALGUARD DTM Acrylic Primer/Finish, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: DURATECH 100% Acrylic Satin Enamel, 318.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
 - 3) 3rd Coat: DURATECH 100% Acrylic Satin Enamel, 318.
 - a) VOC Content: 60 g/L.
 - b) DFT: 1.4 mils.
 - 2. Gloss Finish – Professional
 - 1) 1st Coat: METALGUARD DTM Acrylic Primer/Finish, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: DURATECH 100% Acrylic Gloss Enamel, 317.

- a) VOC Content: 70 g/L.
- b) DFT: 1.4 mils.
- 3) 3rd Coat: DURATECH 100% Acrylic Gloss Enamel, 317.
 - a) VOC Content: 70 g/L.
 - b) DFT: 1.4 mils.

**** NOTE TO SPECIFIER **** Delete interior painting schedule finishes not required.

3.7 INTERIOR PAINTING SCHEDULE

A. Gypsum Board - Walls and Ceilings Surfaces.

- 1. Matte Finish – Professional Finish
 - 1) 1st Coat: BUILDERS LEGACY PRO WALL PRIMER/SEALER, 227.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0 g/L.
 - c) DFT: 1.3 mils.

**** NOTE TO SPECIFIER **** Optional. Delete if not required.

- 2) Texture Coat: BUILDERS LEGACY TEXTURE.
- 3) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Flat, 264.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.2 mils.
- 4) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Flat, 264.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.2 mils.

- 2. Lo-Sheen Finish – Professional Finish
 - 1) 1st Coat: BUILDERS LEGACY PRO WALL PRIMER/SEALER, 227.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0 g/L.
 - c) DFT: 1.3 mils.

**** NOTE TO SPECIFIER **** Optional. Delete if not required.

- 2) Texture Coat: BUILDERS LEGACY TEXTURE.
- 3) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Lo-Sheen, 283.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.5 mils.
- 4) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Lo-Sheen, 283.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.5 mils.

- 3. Eggshell Finish – Professional Finish
 - 1) 1st Coat: BUILDERS LEGACY PRO WALL PRIMER/SEALER, 227.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0 g/L.
 - c) DFT: 1.3 mils.

**** NOTE TO SPECIFIER **** Optional. Delete if not required.

- 2) Texture Coat: BUILDERS LEGACY TEXTURE.
 - 3) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Eggshell, 284.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.6 mils.
 - 4) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Eggshell, 284.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.6 mils.
4. Semi-Gloss Finish – Professional Finish
- 1) 1st Coat: BUILDERS LEGACY PRO WALL PRIMER/SEALER, 227.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0 g/L.
 - c) DFT: 1.3 mils.

**** NOTE TO SPECIFIER **** Optional. Delete if not required.

- 2) Texture Coat: BUILDERS LEGACY TEXTURE.
- 3) 2nd Coat: PRO KOTE Zero-VOC Interior Semi-Gloss, 296.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.4 mils.
- 4) 3rd Coat: PRO KOTE Zero-VOC Interior Semi-Gloss, 296.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.4 mils.

B. Plaster Walls and Ceilings.

- 1. Matte Finish – Designer Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Flat, 264.
 - a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.2 mils.
 - 3) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Flat, 264.
 - a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.2 mils.
- 2. Lo-Sheen Finish – Designer Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Lo-Sheen, 283.
 - a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.5 mils.
 - 3) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Lo-Sheen, 283.

- a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.5 mils.
 - 3. Eggshell Finish – Designer Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: PRO KOTE Zero-VOC Interior Latex Eggshell, 284.
 - a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.6 mils.
 - 3) 3rd Coat: PRO KOTE Zero-VOC Interior Latex Eggshell, 284.
 - a) Vehicle Type: Vinyl Copolymer.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.6 mils.
 - 4. Semi-Gloss Finish – Professional Finish
 - 1) 1st Coat: GRIPCRETE A/R MASONRY & PLASTER PRIMER, 166.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 51 g/L.
 - c) DFT: 3.2 mils.
 - 2) 2nd Coat: PRO KOTE Zero-VOC Interior Semi-Gloss, 296.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.4 mils.
 - 3) 3rd Coat: PRO KOTE Zero-VOC Interior Semi-Gloss, 296.
 - a) Vehicle Type: Ethylene-Vinyl Acetate.
 - b) VOC Content: 0.0 g/L.
 - c) DFT: 1.4 mils.
- C. Wood Doors, Frames Paneling, Wainscoting, and Similar Vertical Wooden Surfaces.
- 1. Painted Finish – Waterborne.
 - a. Satin Painted Finish – Waterborne Alkyd-Acrylic Enamel
 - 1) 1st Coat: AQUAKOTE WB ENAMEL UNDERCOAT, 231.
 - a) Vehicle Type: Acrylic/ Ethylene-Vinyl Acetate.
 - b) VOC Content: 30 g/L.
 - c) DFT: 1.4 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.
 - b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.
 - b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - b. Semi-Gloss Painted Finish – Waterborne Alkyd-Acrylic Enamel
 - 1) 1st Coat: AQUAKOTE WB ENAMEL UNDERCOAT, 231.
 - a) Vehicle Type: Acrylic/ Ethylene-Vinyl Acetate.
 - b) VOC Content: 30 g/L.
 - c) DFT: 1.4 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.

- a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.
 - a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.
 - 2. Clear Wood Finish - Waterborne.
 - a. Satin Clear Wood Finish – Waterborne System
 - 1) 1st Coat: COLORTONE WATERBORNE WIPING STAIN, 345.
 - 2) 2nd Coat: CLEARGUARD WB URETHANE SATIN, V364.
 - a) Vehicle Type: Acrylic Urethane.
 - b) VOC Content: 254 g/L.
 - c) DFT: 1.1 to 1.2 mils.
 - 3) 3rd Coat: CLEARGUARD WB URETHANE SATIN, V364.
 - a) Vehicle Type: Acrylic Urethane.
 - b) VOC Content: 254 g/L.
 - c) DFT: 1.1 to 1.2 mils.
- D. Wood Flooring, Stairs, Risers, and Similar Foot-Traffic Surfaces.
 - 1. Painted Finish – Waterborne.
 - a. Matte Finish
 - 1) 1st Coat: FLOORGUARD Porch and Floor Enamel, 309.
 - a) Vehicle Type: 100 % Acrylic.
 - b) VOC Content: 76 g/L.
 - c) DFT: 1.2 mils.
 - 2) 2nd Coat: FLOORGUARD Porch and Floor Enamel, 309.
 - a) Vehicle Type: 100 % Acrylic.
 - b) VOC Content: 76 g/L.
 - c) DFT: 1.2 mils.
 - 2. Clear Wood Finish – Waterborne.
 - a. Satin Clear Wood Finish – Waterborne System
 - 1) 1st Coat: COLORTONE ALKYD WIPING STAIN, 345.
 - 2) 2nd Coat: CLEARGUARD ULTIMA FLOOR URETHANE SATIN, V365.
 - a) Vehicle Type: Oil Modified Urethane.
 - b) VOC Content: 178 g/L.
 - c) DFT: 2.4 mils.
 - 3) 3rd Coat: CLEARGUARD ULTIMA FLOOR URETHANE SATIN, V365.
 - a) Vehicle Type: Oil Modified Urethane.
 - b) VOC Content: 178 g/L.
 - c) FT: 2.4 mils.
- E. Metal Doors, Frames, and Similar Vertical Metal Surfaces.
 - 1. Ferrous Metal – Waterborne System.
 - a. Satin – Alkyd-Acrylic Enamel
 - 1) 1st Coat: PRO SERIES METALGUARD DTM Acrylic, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.

- b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.
 - b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - b. Semi-Gloss – Alkyd-Acrylic Enamel
 - 1) 1st Coat: PRO SERIES METALGUARD DTM Acrylic, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.
 - a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.
 - a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.
- 2. Non-Ferrous Metal – Waterborne System.
 - a. Satin – Alkyd-Acrylic Enamel
 - 1) 1st Coat: PRO SERIES METALGUARD DTM Acrylic, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.
 - b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Satin Enamel, 292.
 - a) Vehicle Type: Alkyd Latex.
 - b) VOC Content: 0.81 g/L.
 - c) DFT: 2.1 mils.
 - b. Semi-Gloss – Alkyd-Acrylic Enamel
 - 1) 1st Coat: PRO SERIES METALGUARD DTM Acrylic, 338.
 - a) Vehicle Type: Acrylic.
 - b) VOC Content: 165 g/L.
 - c) DFT: 1.7 to 1.9 mils.
 - 2) 2nd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.
 - a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.
 - 3) 3rd Coat: AQUA ALKYD Designer WB Semi-Gloss Enamel, 293.
 - a) Vehicle Type: Alkyd Latex Hybrid.
 - b) VOC Content: 0.85 g/L.
 - c) DFT: 2.1 mils.

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