SECTION 09 90 00

PAINTS AND COATINGS

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

*Copyright 2016 - 2017 ARCAT, Inc. - All rights reserved*

\*\* NOTE TO SPECIFIER \*\* Diamond Vogel, interior and exterior paints and coatings.  
This section is based on the products of Diamond Vogel, which is located at:   
1110 Albany Pl. S.E.  
P.O. Box 380  
Orange City, IA 51041  
Toll Free Tel: 800-72-VOGEL  
Phone: 712-737-8880  
Fax:712-737-4998  
Email:   
Web:[www.diamondvogel.com](http://www.diamondvogel.com/)   
[Click Here] for additional information  
Diamond Vogel makes a full range of architectural and heavy-duty protective coatings so we have the right product for your project. Product lines include Diamond Vogel Architectural, Pinnacle Protective Coatings, and Old Masters.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Field painting including surface preparation including the following:
       1. Exterior coating systems.
       2. Interior coating systems.
       3. Interior low-VOC coating systems that meet VOC requirements of LEED-09 - NC.
       4. Exterior high-performance coating systems.
       5. Interior high-performance coating systems.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 03 30 00 - Cast-in-Place Concrete.
    2. Section 05 12 16 - Fabricated Fireproofed Steel Columns.
    3. Section 05 21 23 - Steel Joist Girder Framing.
    4. Section 05 50 00 - Metal Fabrications.
    5. Section 06 20 00 - Finish Carpentry.
    6. Section 08 11 13.16 - Custom Hollow Metal Doors and Frames.
    7. Section 09 21 16.23 - Gypsum Board Shaft Wall Assemblies.
    8. Section 23 05 00 - Common Work Results for HVAC.
    9. Section 26 05 00 - Common Work Results for Electrical.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. Master Painters Institute (MPI): Architectural Painting Manual.
    2. Society for Protective Coatings: SSPC SP6 - Commercial Blast Cleaning Procedure.
    3. Society for Protective Coatings: SSPC SP10 - Near White Blast Cleaning Procedure.
  1. DEFINITIONS
     1. General: Standard coating terms defined in Master Painters Institute (MPI) Architectural Painting Manual.
        1. Flat refers to a lusterless or matte finish with a gloss range between 0 and 5 when measured at a 60 degree meter.
        2. Eggshell refers to a low-sheen finish with a gloss range between 10 and 25 when measured at a 60 degree meter.
        3. Satin refers to a low-sheen finish with a gloss range between 20 and 35 when measured at a 60 degree meter
        4. Semigloss refers to a medium-sheen finish with a gloss range between 35 and 70 when measured at a 60 degree meter.
        5. Gloss refers to a high-sheen finish with a gloss range more than 70 when measured at a 60 degree meter.
  2. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: For each paint system indicated, including:
        1. Material List: An inclusive list of required coating materials. Indicate each material and cross reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.
        2. Preparation instructions and recommendations.
        3. Manufacturer's Information: Manufacturer's technical information, including label analysis and instructions for handling, storing, and applying each coating material.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
  1. QUALITY ASSURANCE
     1. Installer Qualifications: A firm or individual experienced in applying paints and coatings similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance.
     2. Obtain block fillers and primers for each coating system from the same manufacturer as the finish coats.
     3. Paint exposed surfaces. If an item or a surface is not specifically mentioned, paint the item or surface the same as similar adjacent materials or surfaces. If a color of finish is not indicated, Architect will select from standard colors and finishes available.
     4. Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts, and labels.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Deliver materials to Project site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label:
     2. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F (7 deg C). Maintain storage containers in a clean condition, free of foreign materials and residue.
  2. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
     2. Apply waterborne paints only when temperatures of surfaces to be painted and surrounding air are between 50 and 90 deg F (10 and 32 deg C) unless otherwise stated in the manufacturer's instructions.
     3. Apply solvent-thinned paints only when temperatures of surfaces to be painted and surrounding air are between 45 and 95 deg F (7 and 35 deg C).
     4. Do not apply paint in snow, rain, fog, or mist; or when relative humidity exceeds 85 percent; or at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.
        1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods.

\*\* NOTE TO SPECIFIER \*\* Extra materials may not be allowed for publicly funded projects. Do not include for High Performance Coatings (HPC). Delete if not required.

* 1. EXTRA MATERIALS
     1. Furnish extra paint materials from the same production run as the materials applied and in the quantities described below. Package with protective covering for storage and identify with labels describing contents. Deliver extra materials to Owner's storage area.
     2. Quantity: Furnish Owner with an additional three percent, but not less than 1 gal (3.8 l) or 1 case, as appropriate, of each material and color applied.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Diamond Vogel Paints, which is located at: 1110 Albany Pl. S. E. P. O. Box 380; Orange City, IA 51041; Toll Free Tel: 800-72-VOGEL; Tel: 712-737-8880; Fax: 712-737-4998; Email: [request info (marketing@diamondvogel.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Diamond+Vogel+Paints&coid=31976&rep=&fax=712-737-4998&message=RE:%20Spec%20Question%20(09900dia):%20%20&mf=); Web: [www.diamondvogel.com](http://www.diamondvogel.com)

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

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
  1. PAINT MATERIALS - GENERAL
     1. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

\*\* NOTE TO SPECIFIER \*\* Revise VOC rating to suit local regulations or Owner's requirements. Delete if not required.

* + 1. VOC Classification: Provide high-performance coating materials, including primers, undercoats, and finish-coat materials, that meet the applicable local, state or federal VOC requirements.
    2. Color: Refer to Finish Schedule and Paint Legend on the Drawings for paint colors.
    3. Application Rate: Coating thickness for primer, intermediate, barrier and finish coats shall be measured as Dry Film Thickness (DFT) and comply with manufacturer's published recommendations.

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

* 1. EXTERIOR COATING SYSTEMS

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

* + 1. Exterior Concrete Block (Porous Lightweight and Split Face):
       1. Acrylic Finish: Two finish coats over an acrylic block filler.
          1. Block Filler: Diamond Vogel DiaPro Acrylic Block Filler.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Exterior Concrete Block (Regular Weight, Smooth Face):
       1. Acrylic Finish: Two finish coats over an exterior primer.
          1. Primer: Diamond Vogel Weather Plate Exterior Acrylic Latex Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Exterior Poured Concrete (Tilt-Up and Pre-Stress Panels):
       1. Acrylic Finish: Two finish coats over an exterior primer.
          1. Primer: Diamond Vogel Weather Plate Exterior Acrylic Latex Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Fiber Cement Siding, Bare:
       1. Acrylic Finish: Two finish coats over an exterior primer.
          1. Primer: Diamond Vogel Weather Plate Exterior Acrylic Latex Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Fiber Cement Siding, Pre-primed:
       1. Acrylic Finish: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Exterior Ferrous Metal, Bare:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Acrylic Finish: Two finish coats over a water-based, rust-inhibitive primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.
      1. Alkyd Finish: Two finish coats over an alkyd, metal primer.
         1. Primer: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Primer.
         2. Finish Coat: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Exterior Ferrous Metal, Pre-primed:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Acrylic Finish: Two finish coats over a water-based, rust-inhibitive primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.
      1. Alkyd Finish: Two finish coats over an alkyd, metal primer.
         1. Primer: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Primer.
         2. Finish Coat: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Galvanized or Zinc-Coated Metal:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Acrylic Finish: Two finish coats over a water-based, rust-inhibitive primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.
      1. Alkyd Finish: Two finish coats over an alkyd, metal primer.
         1. Primer: Pinnacle Protective Coatings Iron Prime 600 Fast Dry Universal Primer.
         2. Finish Coat: Pinnacle Protective CoatingsCoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Aluminum:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Acrylic Finish: Two finish coats over a water-based, rust-inhibitive primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.
      1. Alkyd Finish: Two finish coats over an alkyd, metal primer.
         1. Primer: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Primer.
         2. Finish Coat: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Wood, Opaque:
       1. Acrylic Finish: Two finish coats over a primer.
          1. Primer: Diamond Vogel Sure Grip Exterior 100% Acrylic Latex Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Weather Plate Exterior Flat Acrylic Latex.
        2. Finish Coat, Satin: Diamond Vogel Weather Plate Exterior Satin Acrylic Latex.

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

* + 1. Wood, Stain:
       1. Exterior Oil Stain System: Two finish coats.
          1. Finish Coat: Diamond Vogel Grain Stain Exterior Oil Stain.

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

* + 1. Wood, Clear:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Exterior Spar-Marine Clear Finish: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Gloss: Old Masters Exterior Spar-Marine Clear Gloss Finish.
        2. Finish Coat, Semi-Gloss: Old Masters Exterior Spar-Marine Clear Semi-Gloss Finish.
      1. Exterior Spar-Marine Clear Finish: Three finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Gloss: Old Masters Exterior Spar-Marine Clear Gloss Finish.
        2. Finish Coat, Semi-Gloss: Old Masters Exterior Spar-Marine Clear Semi-Gloss Finish.

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

* 1. INTERIOR COATING SYSTEMS

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

* + 1. Gypsum Board, Walls:
       1. Latex Finish: Two finish coats over a primer.
          1. Primer: Diamond Vogel PosiPrime Interior Primer/Sealer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.
    1. Plaster:
       1. Latex Finish: Two finish coats over a primer.
          1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.
    1. Masonry/Concrete Block, Non-Wet Areas:
       1. Latex Finish: Two finish coats over a block filler.
          1. Primer: Diamond Vogel UniFill Acrylic Block Filler.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.
    1. Poured Concrete:
       1. Latex Finish: Two finish coats over a primer.
          1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.
    1. Ferrous Metal, Hollow Metal Doors, Frames and Other Steel:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.
      1. Alkyd Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Primer.
         2. Finish Coat: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Galvanized or Zinc-Coated Metal:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.
      1. Alkyd Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Iron Prime 600 Fast Dry Universal Primer.
         2. Finish Coat: Pinnacle Protective Coatings CoteAll Multi-Purpose Alkyd Enamel.

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

* + 1. Wood and Wood Trim, Opaque:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel Mill Max Latex Enamel Undercoat.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel Mill Max Latex Enamel Undercoat.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.

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

* + 1. Wood and Wood Trim, Stain and Clear Finish:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Interior Stain/Polyurethane Finish: Two finish coats over a stain and sanding sealer.
         1. Stain Coat: Old Masters Interior Penetrating Stain.
         2. Sanding Sealer: Old Masters Sanding Sealer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Old Masters Polyurethane Satin Finish.
        2. Finish Coat, Semi-Gloss: Old Masters Polyurethane Semi-Gloss Finish.
        3. Finish Coat, Gloss: Old Masters Polyurethane Gloss Finish.

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

* 1. INTERIOR COATING SYSTEMS THAT MEET VOC REQUIREMENTS OF LEED-09 - NC

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

* + 1. Gypsum Board, Walls:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel PosiPrime Interior Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.

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

* + 1. Plaster:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.

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

* + 1. Masonry/Concrete Block, Non-Wet Areas:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a block filler.
         1. Primer: Diamond Vogel UniFill Acrylic Block Filler.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.

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

* + 1. Poured Concrete:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.

\*\* NOTE TO SPECIFIER \*\* Delete sheens and finishes not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Flat: Diamond Vogel Zero Plus Interior Flat Latex Enamel.
        3. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        4. Finish Coat, Eggshell: Diamond Vogel Zero Plus Interior Eggshell Latex Enamel.
        5. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
        6. Finish Coat, Semi-Gloss: Diamond Vogel Zero Plus Interior Semi-Gloss Latex Enamel.

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

* + 1. Ferrous Metal, Hollow Metal Doors, Frames and Other Steel:
       1. Latex Finish: Two finish coats over a primer.
          1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.

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

* + 1. Galvanized or Zinc-Coated Metal:
       1. Latex Finish: Two finish coats over a primer.
          1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.

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

* + 1. Wood and Wood Trim, Opaque:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Latex Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel Mill Max Latex Enamel Undercoat.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Flat: Diamond Vogel Assure Interior Flat Latex Enamel.
        2. Finish Coat, Eggshell: Diamond Vogel Assure Interior Eggshell Latex Enamel.
        3. Finish Coat, Semi-Gloss: Diamond Vogel Assure Interior Semi-Gloss Latex Enamel.
      1. Acrylic Latex Enamel Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel Mill Max Latex Enamel Undercoat.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel Permacryl Interior Latex Satin Enamel Finish.
        2. Finish Coat, Semi-Gloss: Diamond Vogel Permacryl Interior Latex Semi-Gloss Enamel Finish.
      1. Performance Acrylic Enamel Finish: Two finish coats over a primer.
         1. Primer: Diamond Vogel Mill Max Latex Enamel Undercoat.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Diamond Vogel SureFlo Acrylic Satin Enamel.
        2. Finish Coat, Gloss: Diamond Vogel SureFlo Acrylic Gloss Enamel.

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

* + 1. Wood and Wood Trim, Stain and Clear Finish:
       1. Interior Stain/Polyurethane Finish: Two finish coats over a stain and sanding sealer.
          1. Stain Coat: Old Masters Hi-Solids Penetrating Stain.
          2. Sanding Sealer: Old Masters Water-based Sanding Sealer

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Satin: Old Masters Water-based Polyurethane Satin Finish.
        2. Finish Coat, Semi-Gloss: Old Masters Water-based Polyurethane Semi-Gloss Finish.
        3. Finish Coat, Gloss: Old Masters Water-based Polyurethane Gloss Finish.

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

* 1. EXTERIOR HIGH PERFORMANCE COATING SYSTEMS

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

* + 1. Steel:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.

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

* + 1. Galvanized Metal:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.

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

* + 1. Aluminum:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.

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

* + 1. Uncoated Poured Concrete:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.

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

* + 1. Uncoated Porous Concrete and Concrete Block:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Poxy 180 Epoxy Mastic.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy/Polyurethane System: Two finish coats over a block filler.
         1. Primer: Pinnacle Protective Coatings Vers-E-Poxy 100 Waterborne Epoxy Block Filler.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Acrylic System: Two finish coats over a high performance block filler.
         1. Primer: Diamond Vogel DiaPro Acrylic Block Filler.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.

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

* 1. INTERIOR HIGH PERFORMANCE COATING SYSTEMS

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

* + 1. Steel:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy System: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Mult-E-Poxy 240 Gloss Polyamide Epoxy.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.
      2. Waterborne Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Semi-Gloss.
         3. Finish Coat, Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Gloss.
      3. Waterborne Pre-Catalyzed Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Eggshell: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Eggshell.
         3. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Semi-Gloss.

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

* + 1. Galvanized Metal:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy System: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Mult-E-Poxy 240 Gloss Polyamide Epoxy.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.
      2. Waterborne Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Semi-Gloss.
         3. Finish Coat, Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Gloss.
      3. Waterborne Pre-Catalyzed Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Eggshell: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Eggshell.
         3. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Semi-Gloss.

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

* + 1. Aluminum:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Prime 500 Hi-Build Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy System: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Mult-E-Poxy 240 Gloss Polyamide Epoxy.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.
      2. Waterborne Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Semi-Gloss.
         3. Finish Coat, Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Gloss.
      3. Waterborne Pre-Catalyzed Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         2. Finish Coat, Eggshell: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Eggshell.
         3. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Semi-Gloss.

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

* + 1. Uncoated Poured Concrete:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy primer.
         1. Primer: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy System: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Mult-E-Poxy 240 Gloss Polyamide Epoxy.
      1. Acrylic System: Two finish coats over an acrylic primer.
         1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.
         2. Finish Coat, Flat: Pinnacle Protective Coatings Vers-Acryl 200 Acrylic Maintenance Primer/Finish.
         3. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         4. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.
      2. Waterborne Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.
         2. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Semi-Gloss.
         3. Finish Coat, Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Gloss.
      3. Waterborne Pre-Catalyzed Epoxy System: Two finish coats over an acrylic primer.
         1. Primer: Diamond Vogel OmniPrep Universal Interior Primer.
         2. Finish Coat, Eggshell: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Eggshell.
         3. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Semi-Gloss.

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

* + 1. Uncoated Porous Concrete and Concrete Block:

\*\* NOTE TO SPECIFIER \*\* Select one or more of the systems below. Delete systems not required.

* + - 1. Epoxy/Polyurethane System: Two finish coats over an epoxy mastic primer.
         1. Primer: Mult-E-Poxy 180 Epoxy Mastic.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy/Polyurethane System: Two finish coats over an epoxy block filler.
         1. Primer: Pinnacle Protective Coatings Vers-E-Poxy 100 Waterborne Epoxy Block Filler.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Multi-Thane 340 High Solids Acrylic Polyurethane Semi-Gloss.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Multi-Thane 330 High Solids Acrylic Polyurethane Gloss.
      1. Epoxy System: Two finish coats.

\*\* NOTE TO SPECIFIER \*\* Delete sheens not required.

* + - * 1. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Mult-E-Poxy 180 Polyamide Epoxy.
        2. Finish Coat, Gloss: Pinnacle Protective Coatings Mult-E-Poxy 240 Gloss Polyamide Epoxy.
      1. Acrylic System: Two finish coats over an acrylic block filler.
         1. Primer: Diamond Vogel DiaPro Acrylic Block Filler.
         2. Finish Coat, Mid-Sheen: Pinnacle Protective Coatings Vers-Acryl 203 Acrylic Maintenance Primer/Finish Mid-Sheen.
         3. Finish Coat: Pinnacle Protective Coatings Vers-Acryl 222 Acrylic Maintenance Latex Semi-Gloss Finish.
      2. Waterborne Epoxy System: Two finish coats over an acrylic block filler.
         1. Primer: Diamond Vogel DiaPro Acrylic Block Filler.
         2. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Semi-Gloss.
         3. Finish Coat, Gloss: Pinnacle Protective Coatings Vers-E-Poxy 131 Waterborne Acrylic Epoxy Gloss.
      3. Waterborne Pre-Catalyzed Epoxy System: Two finish coats over an acrylic block filler.
         1. Primer: Diamond Vogel DiaPro Acrylic Block Filler.
         2. Finish Coat, Eggshell: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Eggshell.
         3. Finish Coat, Semi-Gloss: Pinnacle Protective Coatings Eas-E-Poxy Pre-Catalyzed Waterborne Epoxy Semi-Gloss.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
      3. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
         1. Notify Architect about anticipated problems when using the materials specified over substrates primed by others.

\*\* NOTE TO SPECIFIER \*\* Coordinate primers specified in other Sections with undercoats and finish coats specified in this Section to ensure compatibility of materials. Some high-performance coatings will lift incompatible primers or have poor adhesion when applied over zinc-based or baked primers. Delete if not required. Delete if not required.

* + - 1. If a potential incompatibility of primers applied by others exists, obtain the following from the primer Applicator before proceeding:
         1. Confirmation of primer's suitability for expected service conditions.
         2. Confirmation of primer's ability to be top coated with materials specified.
  1. PREPARATION
     1. General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting.
        1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
     2. Cleaning: Before applying paint or other surface treatments, clean substrates of substances that could impair bond of the various coatings. Remove oil and grease before cleaning.
        1. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
     3. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
        1. Provide barrier coats over incompatible primers or remove and reprime.

\*\* NOTE TO SPECIFIER \*\* Coordination of shop-applied prime coats with high-performance coatings is critical. If compatibility problems exist, it may be necessary to provide barrier coats over primers or to remove primer and reprime substrate. Delete if not required.

* + - 1. Provide barrier coats over incompatible primers or remove primers and reprime substrate.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph and associated subparagraphs below if cementitious surfaces are not to be coated, or revise to suit Project.

* + - 1. Cementitious Substrates: Prepare concrete, brick, concrete masonry block, and cement plaster surfaces to be coated. Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods to prepare surfaces.
         1. Use abrasive blast-cleaning methods if recommended by coating manufacturer.
         2. Determine alkalinity and moisture content of surfaces by performing appropriate tests. If surfaces are sufficiently alkaline to cause the finish paint to blister and burn, correct this condition before application. Do not coat surfaces if moisture content exceeds that permitted in manufacturer's written instructions.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph and associated subparagraphs below if wood surfaces are not to be coated, or revise to suit Project.

* + - 1. Wood Substrates: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Smoothly sand surfaces exposed to view and dust off.
         1. Scrape and clean small, dry, seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer, before applying primer.
         2. Immediately on delivery, prime edges, ends, faces, undersides, and backsides of wood to be coated.
         3. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.
         4. Determine moisture content of surfaces by performing a moisture test. Do not coat if moisture content exceeds 15 percent.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph and associated subparagraphs below if ferrous metal surfaces are not to be coated, or revise to suit Project.

* + - 1. Ferrous Metal Substrates: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC recommendations.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph below if blast cleaning is not required. SSPC-SP 10 requires a higher level of preparation than may be justified. Reduce preparation to SSPC-SP 6 if circumstances warrant.

* + - * 1. Blast-clean steel surfaces as recommended by coating manufacturer and according to SSPC-SP 10.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph below if this treatment is not required.

* + - * 1. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph below if touchup painting of shop-applied primers will be done by material erector or Installer.

* + - * 1. Touch up bare areas and shop-applied prime coats that have been damaged. Wire brush, solvent clean, and touch up with same primer as the shop coat.

\*\* NOTE TO SPECIFIER \*\* Delete subparagraph and associated subparagraph below if nonferrous metal surfaces are not to be coated, or revise to suit Project.

* + - 1. Nonferrous-Metal Substrates: Clean nonferrous and galvanized surfaces according to manufacturer's written instructions for the type of service, metal substrate, and application required.
         1. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.
    1. Material Preparation: Carefully mix and prepare coating materials according to manufacturer's written instructions.
       1. Maintain containers used in mixing and applying coatings in a clean condition, free of foreign materials and residue.
       2. Stir materials before applying to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into the material. Remove film and, if necessary, strain coating material before using.
       3. Use only the type of thinners approved by manufacturer and only within recommended limits.

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

* + - 1. Tinting: Tint each undercoat a lighter shade to simplify identification of each coat when multiple coats of same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.
  1. APPLICATION

\*\* NOTE TO SPECIFIER \*\* Commercial and residential coatings only. Delete if not required.

* + 1. General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.
       1. Apply coatings without runs, drips, or sags, without brush marks, and with consistent sheen.
       2. Apply coatings at spreading rate required to achieve the manufacturer's recommended film thickness.
       3. Dark Colors and Deep Clear Colors: Regardless of number of coats specified, apply as many coats as necessary for complete hide.
       4. Exterior Woodwork: If final painting must be delayed more than 2 weeks after installation of woodwork, apply primer within 2 weeks and final coating within 4 weeks.

\*\* NOTE TO SPECIFIER \*\* High performance coatings only. Delete if not required.

* + 1. General: Apply high-performance coatings according to manufacturer's written instructions.
       1. Use applicators and techniques best suited for the material being applied.
       2. Do not apply high-performance coatings over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to forming a durable coating film.
       3. Coating surface treatments, and finishes are indicated in the coating system descriptions.
       4. Provide finish coats compatible with primers used.
       5. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, convector covers, grilles, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
    2. Application Procedures: Apply coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
       1. The number of coats and film thickness required is the same regardless of application method.
       2. Completed Work: Match approved Samples for color, texture, and coverage. Remove, refinish, or recoat work that does not comply with specified requirements.
  1. FIELD QUALITY CONTROL
     1. Owner reserves the right to invoke the following test procedure at any time and as often as Owner deems necessary during the period when paint is being applied:
        1. Owner may engage a qualified independent testing agency to sample paint material being used. Samples of material delivered to Project will be taken, identified, sealed, and certified in the presence of Contractor.
        2. Owner may direct Contractor to stop painting if test results show material being used does not comply with specified requirements. Contractor shall remove noncomplying paint from Project site, pay for testing, and repaint surfaces previously coated with the noncomplying paint. If necessary, Contractor may be required to remove noncomplying paint from previously painted surfaces if, on repainting with specified paint, the two coatings are incompatible.
  2. CLEANING
     1. After completing painting, clean glass and paint spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces.
  3. PROTECTION
     1. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.
     2. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.
     3. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces.

END OF SECTION