

- 1 Within 15 calendar days after Notice to Proceed, submit:
- 2 Complete materials list of all items proposed to be furnished and installed under this Section.
- 3 Manufacturer's specifications and other data required to demonstrate compliance with the specified requirements.
- 4 Samples:
- 5 Following the selection of colors and glosses by the Architect/Engineer, submit samples as requested for the
- 6 Architect/Engineer review:
- 7 Provide two samples of each color and each gloss for each material on which the finish is specified to be applied.

8 **PRODUCT HANDLING**

- 9 Delivery of Materials:
- 10 Deliver all materials to the Project site in original, new, and unopened containers bearing the manufacturer's name
- 11 and label showing the following information:
- 12 Manufacturer name; type of material
- 13 Thinning and mixing instructions.
- 14 Manufacturer's stock number and batch number
- 15 Application instructions.
- 16 Color: name and number.
- 17 Federal Spec. No., if applicable
- 18 Contents by volume of major pigment and vehicle constituents

19 **JOB CONDITIONS**

- 20 Surface Temperatures:
- 21 Do not apply solvent-thinned paints when the temperature of surfaces to be painted and the surrounding air
- 22 temperatures are below 45 degrees F, unless otherwise permitted by the manufacturer's printed instructions as
- 23 approved by the Architect/Engineer.
- 24 Weather Conditions:
- 25 Do not apply paint in snow, rain, fog, or mist; or when the relative humidity exceeds 85%; or to damp or wet
- 26 surfaces; unless otherwise permitted by the manufacturer's printed instructions as approved by the
- 27 Architect/Engineer. Applications may be continued during inclement weather within the temperature limits
- 28 specified by the paint manufacturer during application and drying periods.

29 **PART 2 - PRODUCTS**

30 **PAINT MATERIALS**

- 31 Design is based on the use of paint products manufactured by Tnemec, Lindsey Hallman, Diamond Vogel, and
- 32 Sherwin Williams and the materials of the manufacturer are named in the Painting Schedule
- 33 Colors and Glosses:
- 34 The Architect/Engineer will select colors to be used in the various types of paint specified and will be the sole judge
- 35 of acceptability of the various glosses obtained from materials proposed to be used by the Contractor.
- 36 Undercoats and Thinners:
- 37 Provide undercoat paint produced by the same manufacturer as the finish coat. Use only the thinners recommended
- 38 by the paint manufacturer, and use only to the recommended limits. Insofar as practicable, use undercoat, finish
- 39 coat, and thinner material as parts of a unified system of paint finish.
- 40 Standards:
- 41 Provide paint materials which meet or exceed the standards listed for each application in the Painting Schedule in
- 42 Part 3 of this Section.

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1 **APPLICATION EQUIPMENT**

2 General:

3 For application of the approved paint, use only such equipment as is recommended for application of the particular
4 paint by the manufacturer of the particular paint, and as approved by the Architect/Engineer.

5 Other Materials:

6 All other materials, not specifically described, but required for a complete and proper installation of the work of this
7 Section, shall be new, first-quality of their respective kinds, and as selected by the General Contractor subject to the
8 approval of the Architect/Engineer.

9 **PART 3 - EXECUTION**

10 **SURFACE CONDITIONS**

11 Inspection:

12 Prior to installation of the work of this Section, carefully inspect the installed work of all other trades and verify that
13 all such work is complete to the point where this installation may properly commence.

14 Discrepancies:

15 Do not proceed in areas of discrepancy until all such discrepancies have been fully resolved.

16 **MATERIALS PREPARATION**

17 General:

18 Mix and prepare painting materials in strict accordance with the manufacturer's recommendations as approved by
19 the Architect/ Engineer.

20 **SURFACE PREPARATION**

21 General:

22 Perform all preparation and cleaning procedures in strict accordance with the paint manufacturer's recommendations
23 as approved by the Architect/Engineer.

24 Remove all removable items which are in place and are not scheduled to receive paint finish, or provide surface
25 applied protection prior to surface preparation and painting operations.

26 Following completion of painting in each space or area, reinstall the removed items by using workmen skilled in the
27 necessary trades.

28 Preparation of Wood Surfaces:

29 Engineered wood siding and trim to be factory finished.

30 Clean all wood surfaces until they are free from dirt, oil, and all other foreign substances.

31 Smooth all finished wood surfaces exposed to view, using the proper sandpaper and spackling compound. Where so
32 required, use varying degrees of coarseness in sandpaper to produce a uniformly smooth and unmarred wood
33 surface.

34 Unless specifically approved by the Architect/Engineer, do not proceed with painting of wood surfaces until the
35 moisture content of the wood is 12% or less as measured by a moisture-meter approved by the Architect/Engineer.

36 Preparation of Metal Surfaces:

37 Thoroughly clean all surfaces until they are completely free from dirt, oil, and grease.

38 On galvanized surfaces, use solvent for the initial cleaning and then treat the surface thoroughly with phosphoric
39 acid etch. Remove all etching solution before proceeding.

40 Allow to dry thoroughly before application of paint.

41 Exterior Metal, Ferrous:

42 Surface Preparation: SSPC-SP6 "Commercial Blast Cleaning" – Field.

43 Interior Metal, Ferrous:

44 Surface Preparation: SSPC-SP3 "Power Tooled Cleaning" and Solvent Wiped Field.

1 Preparation of Concrete and Masonry Block Surfaces to be Painted:

2 Fill cracks and irregularities with portland cement grout to provide uniform surface texture.

3 Fill concrete masonry unit surfaces with block filler.

4 Surface shall be cured, clean, and dry.

5 **PAINT APPLICATION**

6 General Requirements:

7 Do not apply initial coating until moisture content of surface is within limitations recommended by paint
8 manufacturer. Test with moisture meter.

9 Apply paint, enamel, stain, and varnish with suitable brushes, rollers, or spraying equipment.

10 Rate of application shall not exceed that as recommended by paint manufacturer for the surface involved less than
11 10% allowance for losses.

12 Keep brushes, rollers, and spraying equipment clean, dry, free from contaminates and suitable for the finish
13 required.

14 Apply stain by brush.

15 Comply with recommendation of product manufacturer for drying time between succeeding coats.

16 Vary slightly the color of successive coats.

17 Sand and dust between each coat to remove defects visible from a distance of five feet.

18 Finish coats shall be smooth, free of brush marks, streaks, laps or pile up of paints, and skipped or missed areas.

19 Finished metal surfaces shall be free of skips, voids or pinholes in any coat when tested with a low voltage detector.

20 Inspection:

21 Do not apply additional coats until completed coat has been inspected by the Architect/Engineer.

22 Only inspected coats of paint will be considered in determining number of coats applied.

23 Leave all parts of moldings and ornaments clean and true to details with no undue amount of paint in corners and
24 depressions.

25 Make edges of paint adjoining other materials or colors clean and sharp with no overlapping.

26 Apply primer on all work before glazing.

27 Change colors at doors where colors differ between adjoining spaces or rooms and where door frames match wall
28 colors.

29 Refinish entire wall where portion of finish has been damaged or is not acceptable.

30 Painted Work:

31 Back prime all interior trim.

32 Runs on face shall not be permitted.

33 Stained (and Natural) Finish:

34 Adjust natural finishes as necessary to obtain identical appearance on veneers and solid stock.

35 Cleaning:

36 Touch-up and restore finish where damaged.

37 Remove spilled, splashed or splattered paint from all surfaces.

38 Do not mar surface finish or item being cleaned.

39 Leave storage space clean and in condition required for equivalent spaces in Project.

40 Completed work shall match the approved samples for color, texture, and coverage. Remove, refinish, or repaint all
41 work not in compliance with specified requirements.

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1 **PAINTING SCHEDULE**

2 General:

3 Painting required under this Section is specified herein and shown on the Drawings.

4 Hollow Metal Doors and Hollow Metal Door Frames:

5 First Coat: Sherwin-Williams Kem Kromik Universal Metal Primer.

6 Second Coat: Two coats of Sherwin-Williams Industrial Enamel (B54Z Series).

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8 Painting not required under this Section.

9 Structural steel pre-engineered metal building frames.

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END OF SECTION

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