ARCHITECTURE

SECTION 09910

PAINTING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Summary: Paint all exposed surfaces, unless otherwise indicated.

1. The interior structure of the building is to be left exposed and all surfaces are to be painted. A dry-fall paint system is to be used to paint all ceiling surfaces.
2. Paint the back side of access panels that are not pre-finished.
3. Color code mechanical piping in accessible ceiling spaces and Mechanical rooms. (this does not apply to open office areas with exposed structure ceilings, where exposed piping and ductwork will be painted same color as ceiling).
4. Do not paint pre-finished items, finished metal surfaces, operating parts, labels, and materials obviously intended to be left exposed such as brick and tile.
5. Unless otherwise indicated do not paint concealed surfaces.

B. Submittals: Product Data and color Samples.

C. Mockups: Full-coat finish sample (benchmark sample) of each type of coating, substrate, color, and finish required in area of not less than 100 sq. ft (9 sq. m). Comply with PDCA P5.

D. Obtain block fillers, primers, and undercoat materials for each coating system from the same manufacturer as the finish coats.

E. Extra Materials: Deliver to Owner a 1-gal. (3.8-L) container properly labeled and sealed, of each color and type of finish coat paint used on Project.

PART 2 - PRODUCTS

2.1 PAINT

A. Provide Products by The Sherwin-Williams Co. – or Architect Approved Equal

1. Colors: As selected by Architect

B. Material Quality: Manufacturer's best-quality of coating types specified.

C. Material Compatibility: Complete system of compatible components that is recommended by manufacturer for application indicated.

2.2 Special Dry-Fall Coating Systems for Ceilings:

A. Provide 2 coats of Sherwin Williams “Dry Fallout Spray Eg-Shel White”, alkyd paint, over one coat of manufacturers recommended primer, at all exposed steel beam and steel deck surfaces at ceiling of each office floor where ceiling is to be left exposed as finished product.

2.3 Coating Systems for Exterior Exposed Steel (if required):

A. Coating System for Exterior Structural Steel- Moderate Exposure: Tnemec high performance coating system for Atmospheric, chemical, or UV Exposure, Physical Abuse.
System type: Urethane Zinc-rich/Epoxy/urethane.
Shop primer: Series 90-97 Tnemec-Zinc 2.5 to 3.5 mil.
Field Intermediate series N27 S.T.Typoxy – 2.0 to 3.0 mil.
Field finish: Series 73, 74 or 75 Enduro-Shield 2.0 to 3.0 mil.
Manufacturer: Tnemec Company (800) 863-6321 – www.tnemec.com
http://www.tnemec.com/catalog/csi/Steel.doc

1. Colors as selected by Architect.

B. Applicator Qualification: Experienced in application of specified coatings for a minimum of 5 years on projects of similar size and complexity to this Work.

C. Pre-Application meeting shall be held at the site 2 weeks before start of application of special coating. Review Environmental requirements, protection, surface preparation, application, quality control, coordination with other work, and 1 year inspection.

PART 3 - EXECUTION

3.1 APPLICATION

A. Comply with paint manufacturer's written instructions for surface preparation, environmental and substrate conditions, product mixing, and application.

B. All interior vents and grilles to be painted to match adjacent wall or ceiling color. Paint to be applied in a spray application.

C. EXTERIOR PAINT APPLICATION SCHEDULE:

1. Exterior Concrete or Masonry - Flat Finish
   - 1st Coat ProMar Interior/Exterior Block Filler, B25W25; 75-125 sf/gal.
   - 2nd Coat A100 Flat Latex House & Trim, A6 Series; 1.4 mils DFT
   - 3rd Coat A100 Flat Latex House & Trim, A6 Series; 1.4 mils DFT

2. Exterior Ferrous Metals Non-structural - Gloss Finish
   - 1st Coat Kem Kromik Metal Primer, B50 Series; 2.0 mils DFT.
   - 2nd Coat Industrial Alkyd Enamel, B54 Series; 2.0 mils DFT
   - 3rd Coat Industrial Alkyd Enamel, B54 Series; 2.0 mils DFT

2A. Exterior Ferrous Metals – Structural: Coating Systems for Steel per 2.2 above.

3. Exterior Galvanized Metals - Gloss Finish
   - 1st Coat Galvite Paint, B50W3; 2.0 mils DFT.
   - 2nd Coat SWP Gloss House & Trim, A2 Series; 2.0 mils DFT
   - 3rd Coat SWP Gloss House & Trim, A2 Series; 2.0 mils DFT

D. INTERIOR PAINT APPLICATION SCHEDULE - School standard color Antique White SW1137

1. Interior Masonry Partitions and walls - Eggshell Finish
   - 1st Coat ProMar Interior/Exterior Block Filler, B25W25; 75-125 sf/gal.
   - 2nd Coat ProMar 400 Alkyd Eg-Shel Enamel; B33W400 Series, 2.0 mils DFT
   - 3rd Coat ProMar 400 Alkyd Eg-Shel Enamel; B33W400 Series, 2.0 mils DFT

2. Interior Steel Beam and Deck Ceilings - Eggshell Finish
   - 1st Coat Kem Bond HS Primer, B50WZ4; 3.0 mils DFT.
   - 2nd Coat Dry Fallout Spray Eg-Shel Paint; B85WA13, 3.5 mils DFT
   - 3rd Coat Dry Fallout Spray Eg-Shel Paint; B85WA13, 3.5 mils DFT

3. Interior Gypsum Ceilings - Flat Finish
   - 1st Coat ProMar 400 Latex Wall Primer, B28W400; 1.2 mils DFT.
   - 2nd Coat ProMar 400 Latex Flat Wall Paint; B30W400 Series, 1.4 mils DFT
   - 3rd Coat ProMar 400 Latex Flat Wall Paint; B30W400 Series, 1.4 mils DFT

4. Interior Gypsum Walls - Eggshell Finish
   - 1st Coat ProMar 400 Latex Wall Primer, B28W400; 1.2 mils DFT.
   - 2nd Coat ProMar 400 Latex Eg-Shel; B20W400 Series, 1.4 mils DFT
   - 3rd Coat ProMar 400 Latex Eg-Shel; B20W400 Series, 1.4 mils DFT

~~5.~~4. Interior Ferrous Metals - Semi-Gloss Finish

1st Coat	Kem Kromik Metal Primer, B50 Series; 2.0 mils DFT.
2nd Coat	ProMar 400 Alkyd Semi-Gloss Enamel; B34W400 Series, 1.8 mils DFT
3rd Coat	ProMar 400 Alkyd Semi-Gloss Enamel; B34W400 Series, 1.8 mils DFT

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