
PART 1 - GENERAL

SPEC NOTES:

- .1 Use this guide specification when a “short form” specification is required to specify painting and decorating work on new, previously unpainted surfaces.
- .2 Refer to the MPI Architectural Manual “long form” painting specification for guidance and spec notes when using this specification.

1.1 Description:

SPEC NOTE: This article (1.1) is not intended to “scope” the work but to serve as a general description. The onus of defining the extent of this section of Work remains with the Project General Contractor, who will ensure that the area / scope of responsibility of any Subcontractor / supplier is set out in full detail when awarding the painting and decorating subcontract. The extent of this section of Work is also governed by the limits of local trade agreements and conditions.

- .1 Section Includes: All labor, materials, tools and other equipment, services and supervision required to complete all exterior painting and decorating work as indicated on Finish Schedules and to the full extent of the drawings and specifications.
- .2 The Work shall also include, but not necessarily be limited to surface preparation of substrates as required for acceptance of painting, including cleaning, small crack repair, patching, caulking, making good surfaces and areas, pre-treatment, priming and back-priming to the extent / limits defined under **MPI** preparation requirements.
- .3 [Provide Unit, Separate and/or Alternative Prices for items indicated in Section [01215] and/or on Bid Form.]

1.2 Quality Assurance:

- .1 This Contractor shall have a minimum of five (5) years proven satisfactory experience and shall maintain a qualified crew of painters throughout the duration of the work.
- .2 Only qualified journeypersons, as defined by local jurisdiction shall be engaged in painting and decorating work. Apprentices may be employed provided they work under the direct supervision of a qualified journeyperson in accordance with trade regulations.
- .3 All materials, preparation and workmanship shall conform to requirements of the latest edition of the Architectural Painting Specification Manual by the Master Painters Institute (**MPI**) (hereafter referred to as the **MPI** Painting Manual).
- .4 All paint manufacturers and products used shall be as listed under the **Approved Product List** (APL) section of the **MPI** Painting Manual.
- .5 All painting and decorating work shall be inspected by an MPI Certified Architectural Coatings Inspector, or an equally qualified Paint Inspection Agency (inspector) acceptable to the specifying authority. The painting contractor shall notify the Inspector/Paint Inspection Agency a minimum of one week prior to commencement of work and provide a copy of the project painting specification, plans and elevation drawings (including pertinent details) as well as a Finish Schedule.
- .6 **All surfaces requiring painting shall be inspected** by the MPI Certified Architectural Coatings Inspector, or an equally qualified Paint Inspection Agency (inspector) acceptable to the specifying authority, who shall notify the Consultant and General Contractor in writing of any defects or problems, prior to commencing painting work, or after the prime coat shows defects in the substrate.
- .7 The painting contractor shall receive written confirmation of the specific surface preparation procedures and primers used for all fabricated steel items from the fabricator / supplier to ascertain appropriate and manufacturer compatible finish coat materials to be used before painting any such work.

1.3 Regulatory Requirements:

- .1 Conform to workplace safety regulations and requirements of those authorities having jurisdiction for storage, mixing, application and disposal of all paint and related hazardous materials.

1.4 Submittals / Mock-Up:

- .1 Submit consent of surety with Bid Submission as proof of ability to supply a 100% two (2) year Maintenance Bond.
- .2 If requested, submit a list of all painting materials to the Consultant and the Inspector/Paint Inspection Agency for review prior to ordering materials. If requested, provide an invoice list of all paint materials ordered for project work to Inspector/Paint Inspection Agency indicating manufacturer, types and quantities for verification and compliance with specification and design requirements.
- .3 Submit two sets of Safety Data Sheets (SDS) prior to commencement of work for review and for posting at job site as required.
- .4 At project completion provide an itemized list complete with manufacturer, paint type and color-coding for all colors used for Owner's later use in maintenance.
- .5 When requested by the Consultant or Paint Inspection Agency, prepare and paint a designated surface, area, room or item (in each color scheme) to requirements specified herein, with specified paint or coating showing selected colors, gloss/sheen, textures and workmanship to **MPI** Painting Specification Manual standards for review and approval. When approved, surface, area, room and/or items shall become acceptable standard of finish quality and workmanship for similar on-site work.

1.5 Product Delivery, Storage, and Handling:

- .1 Deliver and store all painting materials in sealed, original labeled containers bearing manufacturer's name, brand name, type of paint or coating and color designation, standard compliance, materials content as well as mixing and/or reducing and application requirements in strict accordance with manufacturer and **MPI** requirements.

1.6 Environmental, Waste Management and Disposal Requirements:

- .1 Perform no painting or decorating work when the ambient air and substrate temperatures, relative humidity and dew point and substrate moisture content is below or above requirements for exterior work.
- .2 Apply paint only to dry, clean, properly cured and adequately prepared surfaces in areas where dust is no longer generated by construction activities such that airborne particles will not affect the quality of finished surfaces.
- .3 Ensure adequate continuous ventilation and sufficient heating and lighting is in place.
- .4 Paint, stain and wood preservative finishes and related materials (thinners, solvents, caulking, empty paint cans, cleaning rags, etc.) shall be regarded as hazardous products. Recycle and dispose of same subject to regulations of applicable authorities having jurisdiction.
- .5 To reduce the amount of contaminants entering waterways, sanitary/storm drain systems or into the ground retain cleaning water and filter out and properly dispose of sediments.
- .6 Set aside and protect surplus and uncontaminated finish materials not required by the Owner and deliver or arrange collection for verifiable re-use or re-manufacturing.

1.7 Maintenance Bond:

- .1 Provide and pay for a 100% two (2) year Maintenance Bond in accordance with **MPI** Painting Manual requirements. The Maintenance Bond shall warrant that all painting work has been performed in accordance with **MPI** Painting Manual requirements.

- .2 **All surfaces requiring painting shall be inspected** by the Inspector/Paint Inspection Agency, who shall notify the Consultant and General Contractor in writing of any defects or problems, prior to commencing painting work, or after the prime coat shows defects in the substrate.

PART 2 - PRODUCTS

2.1 Materials:

SPEC NOTE: *Delete, revise or add to the example selections below to suit project requirements.*

- .1 Only materials (primers, paints, coatings, varnishes, stains, lacquers, fillers, etc.) listed in the latest edition of the **MPI** Approved Product List (APL) are acceptable for use on this project. All such material shall be from a single manufacturer for each system used.
- .2 Other materials such as linseed oil, shellac, thinners, solvents, etc. shall be the highest quality product of an **MPI** listed manufacturer and shall be compatible with paint materials being used as required.
- .3 Where required, use only materials having a minimum **MPI** “Environmentally Friendly” [E1] [E2] [E3] rating based on VOC (EPA Method 24) content levels. Where indoor air quality (odour) is an issue, use only **MPI** listed materials having a minimum [E2] [E3] rating.
- .4 [Where required to meet LEED (Leadership in Energy and Environmental Design) program requirements, use only MPI listed materials having an “L” rating designation.]

2.2 Mixing and Tinting:

- .1 Unless otherwise specified herein or pre-approved, all paint shall be ready-mixed and pre-tinted. Re-mix all paint in containers prior to and during application to ensure break-up of lumps, complete dispersion of settled pigment, and color and gloss uniformity. Where thinner is used, addition shall not exceed paint manufacturer's recommendations.

2.3 Finish, Color, Gloss / Sheen:

- .1 Unless otherwise noted, all painting work shall be in accordance with **MPI** [Custom] [Premium] Grade finish requirements.
- .2 Colors shall be as selected by the Consultant from a manufacturer's full range of colors. [Refer to Finish Schedule for identification and location of colors] [The schedule will be furnished after award of the Contract, except general requirements shall be as noted herein].

SPEC NOTE: *Delete, revise or add to the following example selections below to suit project requirements.*

- .3 Color selection will be based on [five (5)] base colors and [three (3)] accent colors with a maximum of [one (1)] deep or bright color. No more than [eight (8)] colors will be selected for the entire project and no more than [three (3)] colors will be selected in each area. Note that this does not include pre-finished items by others, e.g. flashings, windows, etc.
- .4 Gloss level ratings of all painted surfaces shall be as noted on Finish Schedule. Refer to **MPI** Painting Manual for gloss level definitions and requirements.

PART 3 - EXECUTION

3.1 Condition and Preparation of Surfaces:

- .1 The condition and preparation requirements for all surfaces shall be in accordance with **MPI** Painting Manual requirements.

3.2 Application:

- .1 Do not paint unless substrates are acceptable and/or until all environmental conditions (heating, ventilation, lighting and completion of other subtrade work) are acceptable for applications of products.
- .2 Apply paint or stain in accordance with noted **MPI** finish Grade requirements.
- .3 Painting coats specified are intended to cover surfaces satisfactorily when applied at proper consistency and in accordance with manufacturer's recommendations. Apply a minimum of four coats of paint where deep or bright colors are used to achieve satisfactory results.

SPEC NOTE: Refer to "long form" specification for spec note information when using the following systems.

3.3 Exterior Finish / Coating Systems:

Paint exterior surfaces in accordance with the following **MPI** Painting Manual requirements:

- .1 **Asphalt Surfaces:** (zone / traffic marking for drive and parking areas, etc.)

EXT 2.1A	LATEX ZONE / TRAFFIC MARKING
EXT 2.1B	ALKYD ZONE / TRAFFIC MARKING
- .2 **Concrete Vertical Surfaces:** (including horizontal soffits)

EXT 3.1A	LATEX [insert gloss level] (over w.b. alkali resistant primer)
EXT 3.1B	LATEX [insert gloss level and texture] (over latex aggregate)
EXT 3.1C	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. alkali resistant primer)
EXT 3.1D	EPOXY [insert gloss level]
EXT 3.1F	ELASTOMERIC [insert gloss level]
EXT 3.1G	WATER REPELLENT (NOT PAINTABLE)
EXT 3.1H	WATER REPELLENT (PAINTABLE)
EXT 3.1J	CONCRETE STAIN
EXT 3.1K	LATEX [insert gloss level] (over latex)
EXT 3.1L	HIGH BUILD LATEX
EXT 3.1M	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy)
EXT 3.1N	LATEX AGGREGATE [insert gloss level and texture]
EXT 3.1P	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 3.1PP	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over HIPAC latex)
EXT 3.1Q	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex aggregate)
- .3 **Concrete Horizontal Surfaces:** (decks, stairs, driveways, parking and court areas, etc.) (**SRA Optional for all these systems**)

EXT 3.2A	LATEX FLOOR PAINT [insert gloss level]
EXT 3.2B	LATEX DECK COATING
EXT 3.2C	EPOXY DECK COATING, SLIP RESISTANT
EXT 3.2D	ALKYD FLOOR ENAMEL [insert gloss level]
EXT 3.2E	LATEX ZONE / TRAFFIC MARKING
EXT 3.2F	ALKYD ZONE / TRAFFIC MARKING
EXT 3.2G	SEALER, CLEAR (solvent based)
EXT 3.2H	SEALER, CLEAR, W.B.
EXT 3.2J	CONCRETE STAIN
- .4 **Cementitious Composition Board Surfaces:** (vertical surfaces, horizontal soffits)

EXT 3.3A	LATEX [insert gloss level] (over latex)
EXT 3.3B	ALKYD [insert gloss level] (over Latex Wood Primer)
EXT 3.3C	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. alkali resistant primer)

EXT 3.3D	EPOXY- MODIFIED LATEX [insert gloss level] (over epoxy-modified epoxy)
EXT 3.3E	EPOXY [insert gloss level]
EXT 3.3F	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy)
EXT 3.3G	LATEX AGGREGATE / LATEX [insert gloss level and texture] (flat or non-flat)
EXT 3.3H	HIGH BUILD LATEX
EXT 3.3J	LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 3.3K	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 3.3KK	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level]

.5 **Clay Masonry Units:** (pressed and extruded brick)

EXT 4.1A	LATEX [insert gloss level] (over w.b. alkali resistant primer)
EXT 4.1B	LATEX AGGREGATE [insert gloss level]
EXT 4.1C	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over alkali resistant primer)
EXT 4.1D	EPOXY [insert gloss level] (over epoxy)
EXT 4.1F	WATER REPELLENT (NON-PAINTABLE)
EXT 4.1G	WATER REPELLENT (PAINTABLE)
EXT 4.1H	HIGH BUILD LATEX
EXT 4.1J	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy)
EXT 4.1K	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. alkali-resistant primer)

.6 **Concrete Masonry Units:** (smooth and split face block and brick).

EXT 4.2A	LATEX [insert gloss level] (over latex block filler)
EXT 4.2B	LATEX AGGREGATE [insert gloss level]
EXT 4.2C	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over latex block filler)
EXT 4.2D	ELASTOMERIC
EXT 4.2E	EPOXY [insert gloss level] (over epoxy block filler)
EXT 4.2G	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy block filter & h.b. epoxy)
EXT 4.2H	WATER REPELLENT (NOT PAINTABLE)
EXT 4.2J	WATER REPELLENT (PAINTABLE)
EXT 4.2K	HIGH BUILD LATEX
EXT 4.2L	LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 4.2M	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 4.2MM	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex block filler)

.7 **Structural Steel and Metal Fabrications:**

EXT 5.1A	QUICK DRY ENAMEL [insert gloss level] (over q.d. primer)
EXT 5.1B	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over inorganic zinc)
EXT 5.1C	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over alkyd metal primer)
EXT 5.1D	ALKYD [insert gloss level] (over alkyd metal primer)
EXT 5.1F	EPOXY [insert gloss level] (over epoxy primer & high build epoxy)
EXT 5.1G	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy zinc rich primer and h.b. epoxy)
EXT 5.1H	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy primer & epoxy)
EXT 5.1J	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy primer & h.b. epoxy)
EXT 5.1K	ALUMINUM PAINT (over alkyd metal primer)
EXT 5.1L	POLYURETHANE, PIGMENTED [insert gloss level] (over inorganic zinc rich primer and h.b. epoxy)
EXT 5.1M	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. epoxy primer)
EXT 5.1N	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over s.b. epoxy primer)
EXT 5.1P	POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy zinc rich primer)
EXT 5.1Q	ALKYD [insert gloss level] (over surface tolerant primer)
EXT 5.1R	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over epoxy primer & h.b. epoxy)
EXT 5.1S	EPOXY [insert gloss level] (over h.b. self-priming epoxy)

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- EXT 5.1T POLYURETHANE, PIGMENTED [insert gloss level] (over h.b. self-priming epoxy)
EXT 5.1V EPOXY DECK COATING (over epoxy primer & h.b. epoxy) with SRA
EXT 5.1X EPOXY DECK COATING (over h.b. self-priming epoxy) with SRA
- .8 **Steel - High Heat:** (heat exchangers, breeching, pipes, flues, stacks, etc., with temperature range as noted)
- EXT 5.2A HEAT RESISTANT ENAMEL - MAXIMUM 400° F (205° C)
EXT 5.2B HEAT RESISTANT ENAMEL, ALUMINUM - MAXIMUM 800° F (427° C)
EXT 5.2C INORGANIC ZINC COATING - MAXIMUM 750° F (400° C)
EXT 5.2D HIGH HEAT RESISTANT COATING - MAXIMUM 1100° F (593° C)
- .9 **Galvanized Metal:** (not chromate passivated)
For high contact / high traffic areas (doors, frames, railings, misc. steel, pipes, etc.)
For low contact / low traffic areas (overhead decking, ducts, gutters, flashing, etc.)
- EXT 5.3C EPOXY [insert gloss level] (over epoxy primer) (High Contact /Traffic)
EXT 5.3D POLYURETHANE, PIGMENTED [insert gloss level] (over vinyl wash and epoxy primer) (high contact/traffic)
- EXT 5.3E BITUMINOUS COATING (Low Contact / Traffic)
EXT 5.3H LATEX [insert gloss level] (over w.b. galvanized primer) (Low Contact / Traffic)
EXT 5.3J W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. galvanized primer)
EXT 5.3K W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over epoxy primer)
EXT 5.3L POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy primer) High Contact /Traffic
EXT 5.3M HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. galvanized primer) (Low Contact/Traffic)
- EXT 5.3N ALKYD [insert gloss level] (over w.b. galvanized primer)
EXT 5.3P ALUMINUM PAINT [insert gloss level] (over w.b. galvanized primer) (Low Contact / Traffic)
- .10 **Aluminum:** (sash, sills and frames, flashing, posts and railings, downpipes, etc.)
- EXT 5.4A ALKYD [insert gloss level] (over vinyl wash primer and q.d. metal primer)
EXT 5.4B POLYURETHANE, PIGMENTED [insert gloss level] (over vinyl wash primer & epoxy primer)
EXT 5.4C ALUMINUM PAINT (over vinyl wash primer & q.d. metal primer)
EXT 5.4D BITUMINOUS COATING
EXT 5.4E EPOXY [insert gloss level] (over vinyl wash primer)
EXT 5.4F ALKYD [insert gloss level] (over q.d. metal primer)
EXT 5.4G W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over q.d. metal primer)
EXT 5.4H LATEX [insert gloss level] (over q.d. metal primer)
EXT 5.4J HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over q.d. metal primer)
- .11 **Copper:** (excluding roofs)
- EXT 5.5A ALKYD [insert gloss level] (over vinyl wash primer)
EXT 5.5B POLYURETHANE, PIGMENTED [insert gloss level] (over vinyl wash primer & epoxy primer)
EXT 5.5C ALUMINUM PAINT (over vinyl wash primer)
EXT 5.5D BITUMINOUS COATING
EXT 5.5E EPOXY [insert gloss level] (over vinyl wash primer)
EXT 5.5F ALKYD (over q.d. metal primer)
EXT 5.5G W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over q.d. metal primer)
EXT 5.5H LATEX [insert gloss level] (over q.d. metal primer)
EXT 5.5J HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over q.d. metal primer)
- .12 **Stainless Steel:** (unpolished)
- EXT 5.6A ALKYD [insert gloss level] (over vinyl wash primer)
EXT 5.6B POLYURETHANE, PIGMENTED [insert gloss level] (over vinyl wash primer & epoxy primer)
EXT 5.6C ALUMINUM PAINT (over vinyl wash primer)
EXT 5.6D EPOXY [insert gloss level] (over epoxy primer)
EXT 5.6F LATEX [insert gloss level] (over s.b. bonding primer)
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- EXT 5.6G W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over q.d. metal primer)
EXT 5.6H HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over s.b. bonding primer)
- .13 **Glue Laminated Beams and Columns:**
- EXT 6.1A LATEX [insert gloss level] (over alkyd / oil primer)
EXT 6.1B ALKYD [insert gloss level] (over alkyd / oil primer)
EXT 6.1C SOLID COLOR STAIN (over alkyd/oil primer)
EXT 6.1D VARNISH [insert gloss level] (over s.b. stain)
EXT 6.1E POLYURETHANE, CLEAR, 2 COMPONENT (over s.b. stain)
EXT 6.1F FIRE RETARDANT, PIGMENTED
EXT 6.1G FIRE RETARDANT PENETRATING WOOD PRESERVATIVE, CLEAR
EXT 6.1H POLYURETHANE, CLEAR, 2 COMPONENT
EXT 6.1J POLYURETHANE, PIGMENTED [insert gloss level]
EXT 6.1K VARNISH, S.B. [insert gloss level]
EXT 6.1L LATEX [insert gloss level] (over latex wood primer)
EXT 6.1M VARNISH, W.B. [insert gloss level]
EXT 6.1N HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over Latex Wood Primer)
EXT 6.1NN HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over alkyd/oil primer)
- .14 **Dimension Lumber:** (columns, beams, exposed joists, underside of decking, siding, fencing, etc.)
- EXT 6.2A LATEX [insert gloss level] (over alkyd/oil primer)
EXT 6.2B SOLID COLOR STAIN, W.B. (over alkyd/oil primer)
EXT 6.2C ALKYD [insert gloss level] (over alkyd/oil primer)
EXT 6.2D SOLID COLOR STAIN (over alkyd/oil primer)
EXT 6.2E VARNISH [insert gloss level] (over s.b. stain)
EXT 6.2F FIRE RETARDANT, PIGMENTED
EXT 6.2G FIRE RETARDANT PENETRATING WOOD PRESERVATIVE, CLEAR
EXT 6.2H POLYURETHANE, CLEAR, 2 COMPONENT
EXT 6.2J POLYURETHANE, PIGMENTED [insert gloss level]
EXT 6.2K VARNISH, S.B. [insert gloss level]
EXT 6.2L SEMI-TRANSPARENT STAIN, S.B.
EXT 6.2M LATEX [insert gloss level] (over latex wood primer)
EXT 6.2N VARNISH, WATER BASED [insert gloss level]
EXT 6.2P STAIN, SEMI-TRANSPARENT, W.B.
EXT 6.2Q HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex wood primer)
EXT 6.2QQ HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over alkyd/oil primer)
- .15 **Dressed Lumber:** (doors, door and window frames, casings, battens, smooth facias, etc.)
- EXT 6.3A LATEX [insert gloss level] (over alkyd/oil primer)
EXT 6.3B ALKYD [insert gloss level] (over alkyd/oil primer)
EXT 6.3C SOLID COLOR STAIN, S.B. (over alkyd /oil primer) (Not for High Contact or Doors)
EXT 6.3D SEMI-TRANSPARENT STAIN, S.B. (Not to be Used for Doors)
EXT 6.3E VARNISH, S.B. [insert gloss level] (over s.b. stain)
EXT 6.3F VARNISH, S.B. [insert gloss level]
EXT 6.3G POLYURETHANE, CLEAR, 2 COMPONENT
EXT 6.3H POLYURETHANE, PIGMENTED [insert gloss level]
EXT 6.3J W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over alkyd/oil primer)
EXT 6.3K SOLID COLOR STAIN, W.B. (over alkyd/oil primer)
EXT 6.3L LATEX [insert gloss level] (over latex wood primer)
EXT 6.3M VARNISH, W.B. [insert gloss level]
EXT 6.3N STAIN, SEMI-TRANSPARENT, WB
EXT 6.3P HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex wood primer)
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- EXT 6.3PP HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over alkyd/oil primer)
- .16 **Wood Paneling:** (plywood siding, fascias, soffits, etc.)
- EXT 6.4A SOLID COLOR STAIN, W.B. (over alkyd/oil primer)
EXT 6.4AA SOLID COLOR STAIN, W.B. (over latex wood primer)
EXT 6.4B ALKYD [insert gloss level] (over alkyd/oil primer)
EXT 6.4C SOLID COLOR STAIN, S.B. (over alkyd/oil primer)
EXT 6.4D SEMI-TRANSPARENT STAIN, S.B.
EXT 6.4E FIRE RETARDANT, PIGMENTED
EXT 6.4F FIRE RETARDANT, PENETRATING WOOD PRESERVATIVE, CLEAR
EXT 6.4G LATEX [insert gloss level] (over alkyd/oil primer)
EXT 6.4H VARNISH, W.B. [insert gloss level]
EXT 6.4J VARNISH, S.B. [insert gloss level] (over s.b. stain)
EXT 6.4K LATEX [insert gloss level] (over latex wood primer)
EXT 6.4L STAIN, SEMI-TRANSPARENT, WB
EXT 6.4M HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex wood primer)
EXT 6.4MM HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over alkyd/oil primer)
- .17 **Wood Decks and Stairs / Steps:** (using spaced lumber) – *(SRA Optional for all Systems)*
- EXT 6.5A LATEX PORCH & FLOOR [insert gloss level] (over alkyd/oil primer) (SRA optional)
EXT 6.5B ALKYD FLOOR ENAMEL [insert gloss level] (SRA optional)
EXT 6.5C ALKYD FLOOR ENAMEL [insert gloss level] (over wood preservative) (SRA optional)
EXT 6.5D DECK STAIN (over wood preservative)
EXT 6.5E LATEX PORCH & FLOOR [insert gloss level] (over latex wood primer) (SRA optional)
EXT 6.5F DECK STAIN
EXT 6.5G LATEX DECK COATING (for plywood decks)
- .18 **Wood Shingles and Shakes:** (excluding roofs)
- EXT 6.6A LATEX [insert gloss level] (over alkyd/oil primer)
EXT 6.6B ALKYD [insert gloss level] (over alkyd/oil primer)
EXT 6.6C SOLID COLOR STAIN, S.B. (over alkyd/oil primer)
EXT 6.6D SOLID COLOR STAIN, W.B. (over alkyd/oil primer)
EXT 6.6E LATEX [insert gloss level] (over latex wood primer)
EXT 6.6F SEMI-TRANSPARENT STAIN, S.B.
EXT 6.6G HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over latex wood primer)
EXT 6.6GG HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over alkyd/oil primer)
- .19 **Fiberglass:** (panels, trims, fabrications, etc.)
- EXT 6.7A LATEX [insert gloss level] (over s.b. bonding primer)
EXT 6.7B ALKYD [insert gloss level] (over s.b. bonding primer)
EXT 6.7C W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over s.b. bonding primer)
EXT 6.7D POLYURETHANE, PIGMENTED [insert gloss level] (over epoxy)
EXT 6.7E EPOXY- MODIFIED LATEX [insert gloss level]
EXT 6.7F EPOXY [insert gloss level]
EXT 6.7G HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over s.b. bonding primer)
- .20 **Plastic:** (vinyl siding and windows including related trims, ABS / PVA / PVC materials, fabrications, etc.)
- EXT 6.8A LATEX [insert gloss level] (over w.b. bonding primer)
EXT 6.8AA LATEX [insert gloss level] (over s.b. bonding primer)
EXT 6.8B ALKYD [insert gloss level] (over w.b. bonding primer)
EXT 6.8BB ALKYD [insert gloss level] (over s.b. bonding primer)
EXT 6.8C W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. bonding primer)
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EXT 6.8CC	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over s.b. bonding primer)
EXT 6.8D	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. bonding primer)
EXT 6.8DD	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over s.b. bonding primer)

.21 **Stucco:** (walls and soffits)

EXT 9.1A	LATEX [insert gloss level]
EXT 9.1B	W.B. LIGHT INDUSTRIAL COATING [insert gloss level] (over w.b. alkali- resistant primer)
EXT 9.1C	ELASTOMERIC (water based flat or non-flat)
EXT 9.1D	EPOXY [insert gloss level]
EXT 9.1F	WATER REPELLENT (NON-PAINTABLE)
EXT 9.1G	WATER REPELLENT (PAINTABLE)
EXT 9.1H	HIGH BUILD LATEX
EXT 9.1J	LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 9.1K	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. alkali-resistant primer)
EXT 9.1KK	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (Gloss/Sheen as Specified)

.22 **Canvas and Cotton Coverings:** (pipes, ductwork, etc.)

EXT 10.1A	LATEX [insert gloss level]
EXT 10.1B	W.B. LIGHT INDUSTRIAL COATING [insert gloss level]
EXT 10.1C	ALKYD [insert gloss level] (over latex)
EXT 10.1D	ALUMINUM PAINT (over latex)
EXT 10.1E	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (Gloss/Sheen as Specified)

.23 **Bituminous Coated Surfaces:** (cast iron pipe, concrete, etc.)

EXT 10.2A	LATEX [insert gloss level] (over w.b. rust-inhibitive primer)
EXT 10.2B	LATEX AGGREGATE COATING [insert gloss level and texture]
EXT 10.2C	ALKYD [insert gloss level] (over w.b. rust-inhibitive primer)
EXT 10.2D	ALUMINUM PAINT (w.b. rust-inhibitive primer)
EXT 10.2E	HIGH PERFORMANCE ARCHITECTURAL LATEX [insert gloss level] (over w.b. rust-inhibitive primer)

3.4 See Interior Painting Short Specification 09 91 23

3.5 Mechanical / Electrical Equipment and Related Surfaces:

- .1 Unless otherwise specified or noted, paint all “unfinished” conduits, piping, hangers, ductwork and other mechanical and electrical equipment with color and texture to match adjacent surfaces, in the following areas:
 - .a where exposed-to-view in all exterior areas.
- .2 In unfinished areas leave exposed conduits, piping, hangers, ductwork and other mechanical and electrical equipment in original finish and touch up scratches and marks. Do not paint over nameplates.
- .3 Paint the inside of all ductwork where visible behind louvers, grilles and diffusers beyond sight line with primer and one coat of matt black (non-reflecting) paint. Paint the inside of light valances gloss white.
- .4 Refer to Mechanical and Electrical specifications for painting, banding, stenciling of other surfaces / equipment.

3.6 Field Quality Control:

- .1 Painted surfaces shall be considered to lack uniformity and soundness in accordance with defects noted in the **MPI** Painting Manual. Refer to long form specification item 3.7 - Field Quality Control / Standard of Acceptance.
- .3 Painted surfaces rejected by the inspector shall be made good at the expense of the Contractor in accordance with **MPI** Painting Manual requirements.

3.8 Protection and Clean-Up:

- .1 Protect all newly painted exterior surfaces from elements condensation and contamination until paint coatings are completely dry. Erect barriers or screens and post signs to warn of or limit or direct traffic.
- .2 Remove all spilled, splashed, splattered or over sprayed paint as work progresses, remove waste materials and keep area free from an unnecessary accumulation of tools, equipment, surplus materials and debris.

END OF SECTION