SECTION 09902CPPR -- EXTERIOR PAINTS AND COATINGS

PART 1 - GENERAL

1.01 Except for minor work, sufficient sample areas shall be completed for Brown University Project Manager approval.

1.02 RELATED WORK

A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

2.01 The following manufacturers shall be used unless otherwise approved by a Brown University Project Manager:

Sherman Williams
Benjamin Moore
Pratt & Lambert
ICI-Glidden

2.02 EXTERIOR

A. Field applied metal coatings shall include industrial primers by Benjamin Moore, Sherwin Williams or approved equal

B. Paint System:

1. Primer shall be one coat oil-base primer containing stain-blocker and mildewcide.

2. Finish coats shall be two topcoats of 100% acrylic latex paint containing stain-blocker and mildewcide.

C. Exterior topcoat shall be paint. Solid color satin is not permitted.

D. Existing surfaces shall match base type.

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1 Listing of related sections is for convenience and is not all-inclusive. Affected sections or drawings where specific design requirements are to be specified, or related sections where applicable Brown University Design and Construction Guidelines may appear, are indicated.
2.03 PRODUCT-SPECIFIC ENVIRONMENTAL REQUIREMENTS.

A. Chemical Component Restrictions. The manufacturer shall demonstrate that the following chemical compounds are not used as ingredients in the manufacture of the product.

1. Halomethanes
   - methylene chloride
2. Chlorinated ethanes
   - 1,1,1-trichloroethane
3. Aromatic solvents
   - benzene
   - toluene (methylbenzene)
   - ethylbenzene
4. Chlorinated ethylenes
   - vinyl chloride
5. Polynuclear aromatics
   - naphthalene
6. Chlorobenzenes
   - 1,2-dichlorobenzene
7. Phthalate esters
   - di (2-ethylhexyl) phthalate
   - butyl benzyl phthalate
   - di-n-butyl phthalate
   - di-n-octyl phthalate
   - diethyl phthalate
   - dimethyl phthalate
8. Miscellaneous semi-volatile organics
   - isophorone
9. Metals and their compounds
   - antimony
   - cadmium
   - hexavalent chromium
   - lead
   - mercury
10. Preservatives (antifouling agents)
    - Formaldehyde
11. Ketones
    - methyl ethyl ketone
    - methyl isobutyl ketone
12. Miscellaneous volatile organics
C Packaging Requirements: The manufacturer shall demonstrate that paint cans and their components are not fabricated with lead.

PART 3 - EXECUTION

3.01 Preparation, application and other procedures per manufacturers recommendations shall be submitted for approval by a Brown University Project Manager.

3.02 For severe peeling and alligatoring surfaces, existing paint shall be chemically removed and physical wet scraping.

3.03 Removal of existing paint with open flame or heat guns is prohibited.

3.04 The edges of any existing paint that is not removed shall be feathered to adjacent bare wood.

3.05 Only stainless steel ring shank nails should be used to fasten siding and trim.

3.06 Fresh metal on heads of nails exposed and new siding and trim shall be spot-primed with a rust inhibitor to prevent the subsequent formation of rust spots in the topcoats.

3.07 All surfaces shall be power-washed prior to repainting.

3.08 All paint systems shall be consistent.

3.09 Exterior paint applications shall be brush applied.

3.10 All window shall be washed after repainting.

3.11 ENVIRONMENTAL REQUIREMENTS:

A. During the progress of the work, remove from the site all discarded paint materials, rubbish, cans and rags at the end of each work day.

B. Protect work and work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damager by cleaning, repairing or replacing, and repainting, as acceptable to the Interior Designer or Architect.

END OF SECTION