

SECTION 09950 - COATINGS AND PAINT SYSTEMS
CONSTRUCTION STANDARDS

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of the University of Texas at Austin for exterior and interior coatings and paint systems for the following substrates:
1. Brick.
 2. CMU.
 3. Concrete.
 4. Gypsum board.
 5. Plaster.
 6. Steel.
 7. Stucco.
- B. UT recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for UT projects.

1.02 Related Standards

- A. Section 09910, Paint.
- B. Structural Systems (currently The University of Texas Office of Facilities Planning and Construction *Owner's Design Guidelines*, Section K, Structural Criteria).

1.03 Reference Standards

Latest editions of the following reference standards, where applicable.

- A. American Society for Testing and Materials - ASTM.
- B. Steel Structures Painting Council - SSPC.

1.04 Quality Control

Coatings and paint systems applicators shall have a minimum of five (5) years' experience in the application of the products specified.

1.05 General Requirements

- A. Life-cycle cost shall be considered in the selection of coatings and paint systems to assure durability, as well as low, long-term maintenance costs.
- B. After making initial preliminary selections of the generic classes of products for the intended substrates, verify with the proposed manufacturers the following:

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1. Suitability of products selected.
 2. Recommended number of coats and the respective thickness.
 3. Recommended surface preparation.
 4. Recommended application procedures.
- C. When selecting manufacturers for a particular application, assure that the product lines for the various manufacturers are “equals”. It is not adequate for a manufacturer to “guarantee” that their product is “equal” if it is not of the same class and type as other manufacturers’ products specified, thus giving an unfair bidding advantage.
- D. Occupied spaces or areas adjacent to occupied spaces that could be effected by the work.
1. Coatings and paint systems selections shall be made so as not to disrupt normal operations, unless otherwise specifically authorized by the University of Texas.
 2. For exterior work, assess the building’s air intake system and whether by closing particular louvers and/or altering set-up, the impact on the building’s occupants can be lessened.
 3. Do not use mineral-spirit based sealants on occupied buildings.
- E. For coatings and paint systems that will potentially be in contact with chemicals, consult with the manufacturers to assure compatibility with the anticipated exposure. In addition, consult with the University of Texas’ Environmental Health and Safety (EHS) to assure that proper exposure assumptions are being made.
- F. Consider aesthetic impact and implications of pertinent antiquities regulations and/or laws that any application may produce. This is particularly true of buildings over 40 years old, but must be considered whenever aesthetic changes are made.
- G. Lead: In no instance will any product containing lead be acceptable for use.

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PART 2: PRODUCTS

2.01 Definitions

- A. Tables 1 and 2 refer to “mild”, “moderate”, and “severe” conditions. These are relative terms and should be considered in context with the substrate and anticipated service. (For example: interior steel that will be exposed in a mechanical or electrical room has the potential to be exposed to more severe conditions than many interior framed areas.)
- B. The words “paint” and “coatings” can be used interchangeably, but their usage tends to imply the following:
 - 1. Paint - easy to apply, readily available, consumer oriented, tending to have a more decorative than functional requirement.
 - 2. Coatings - high grade, industrial or institutional, professional, tending to have a more functional than decorative requirement.
- C. Use of terms related to the work herein shall conform to ASTM D16.

2.02 Materials

- A. Refer to Tables 1 and 2.
- B. Tables 1 and 2 provide generic listings of commonly acceptable classes of products for the intended substrates. Specific manufacturers and products shall be selected during final design.
- C. All interior coatings shall include anti-microbial treatment such as Intersept™ (Porter), or approved equal.

PART 3: EXECUTION

3.01 Normal Application

Execution of work specified herein shall strictly comply with the manufacturer’s recommendations determined during the selection of products.

3.02 Specialized Conditions

Where applicable for coatings requiring specialized equipment or training, obtain approved list of applicators and their availability to provide the appropriate services. No product that requires an approved applicator shall be selected if there is only one approved applicator available, unless otherwise specifically authorized by the University of Texas.

END OF STANDARD 09950