	Title: YALE OFFICE OF FACILITIES PROCEDURE MANUAL Chapter: 01 - Yale Design Standard Division: 09 00 00 Finishes	Section: <b>09 90 00</b> Requirements for Paint
		Date: December 2023
		Author: Office of Facilities

**PART 1 - INTRODUCTION**

1.1 PURPOSE

This section contains general design criteria for paint.

**PART 2 - GENERAL DESIGN REQUIREMENTS**

2.1 SUBMITTALS

The contractor must submit product data, the manufacturer’s application instructions, and two 6"x6" samples, in the color and surface finish, for each paint type specified on the project.

2.2 PRODUCT STANDARDS

Products must conform to the following standards:

- ASTM D16 – Static Definitions of Terms Relating to Paint, Varnish, Lacquer and Related Products.
- ASTM D2016 – Standard Test Method for Moisture Content of Wood

2.3 MANUFACTURERS

Subject to compliance with the design requirements, provide products by one of the following manufacturers.

A. Interior Paint

- California Paints “Verde” Premium 100% acrylic latex, low VOC
- Benjamin Moore "Regal" latex, zero VOC
- Sherwin Williams "Harmony" latex, zero VOC

B. Exterior Paint


- Best grade, first-line standard products by California Paints, Benjamin Moore, and Sherwin Williams

C. High-Performance Coatings

- Polymyx or an approved equivalent

D. Metals

- Tnemec, or an approved equivalent

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## 2.4 EXTERIOR PAINT SYSTEMS

Exterior paint systems must conform to the standards in Table 1.

**Table 1. Exterior Paint Systems**

Surface	Paint Type and Application
Concrete, Stucco, and Masonry	Acrylic latex, 2 coats
Concrete Masonry Units	Block filler; acrylic latex, 2 coats
Wood for Opaque Finish	Alkyd primer; alkyd enamel, 2 coats
Wood for Semi-Transparent Finish	Semi-transparent stain, 2 coats
Ferrous Metal	Zinc chromate primer; alkyd enamel, 2 coats
Ferrous Metal (High-Performance)	Zinc rich primer, epoxy, 1 coat; catalyzed urethane, 1 coat
Galvanized Metal	Galvanized metal primer; alkyd enamel, 2 coats
Galvanized Metal (High-Performance)	Epoxy primer; catalyzed urethane, 1 coat

## 2.5 INTERIOR PAINT SYSTEMS


Interior paint systems must conform to the standards in Table 2.

**Table 2. Interior Paint Systems**

Surface	Paint Type and Application
Drywall and Plaster	Latex primer; acrylic latex (eggshell), 2 coats
Drywall and Plaster (High-Performance)	Latex primer; polychromatic vinyl copolymer; polomyx or approved equivalent
Drywall and Plaster (Heavy Duty)	Latex primer; water-based epoxy, 2 coats
Wood for Opaque Finish	Alkyd enamel undercoat; alkyd enamel, 2 coats
Wood for Transparent Finish	Oil stain; sanding sealer; alkyd varnish, 2 coats
Ferrous Metal	Alkyd metal primer; alkyd enamel, 2 coats
Ferrous Metal (High-Performance)	Epoxy primer; catalyzed urethane, 2 coats

## 2.6 EXTRA MATERIALS

Provide a 1-gal container of each color and surface finish to Yale University.

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2.7 QUALITY CONTROL

The product manufacturer must be a company specializing in manufacturing quality paint and finish products, with at least five years experience. The product applicator must be a company specializing in commercial painting and finishing, with at least five years experience.

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