

**102.106 – PAINTING GUIDELINE**

## PART 1 - INTRODUCTION

## 1.01 GENERAL

- A. This guideline defines terminology and establishes certain requirements associated with paints, stains, and coatings for all BJC HealthCare projects.
- B. Corporate Agreement. BJC HealthCare and The Sherwin-Williams Company have a corporate purchasing agreement managed by BJC Supply Chain for volume discounts, documentation, tracking and technical support. All paints, stains, and coatings shall be specified as provided by The Sherwin-Williams Company. Substitutions, including substitutions for convenience, are not permitted.**
  - 1. Refer to the Specification Masters, Division 00, “006000.02 BJC HealthCare Paint Program” form. Painting Contractor shall complete and submit this form to the Sherwin Williams sales representative when ordering materials.

## 1.02 REFERENCES

- A. Refer to Volume 3 of the Manual of Practice for facility specific finishes.
- B. Refer to the Building Components section in chapter 2 thru 6 for interior finishes (painting) standards.
  - 1. Chapter 2, Hospital
    - a. Gypsum board walls: Document 203.303, Element C3010
    - b. Gypsum board ceilings: Document 203.303, Element C3030
    - c. Metal frames: Document 203.301, Element C1020
  - 2. Chapter 3, Ambulatory Care
    - a. Gypsum board walls: Document 303.303, Element C3010
    - b. Gypsum board ceilings: Document 303.303, Element C3030
    - c. Metal frames: Document 303.301, Element C1020
  - 3. Chapter 4, Medical Office
    - a. Gypsum board walls: Document 403.303, Element C3010
    - b. Gypsum board ceilings: Document 403.303, Element C3030
    - c. Metal frames: Document 403.301, Element C1020
  - 4. Chapter 5, Office
    - a. Gypsum board walls: Document 503.303, Element C3010

- b. Gypsum board ceilings: Document 503.303, Element C3030
  - c. Metal frames: Document 503.301, Element C1020
- C. Refer to master specifications in Chapter 7 of the Manual of Practice. Division 09 contains pre-edited technical specifications for interior painting.

## PART 2 - GUIDELINE

### 2.01 SUBSTRATE

- A. Prepare substrates as required for proper installation of finish materials.
- B. Moisture content of interior materials shall be measured with an electronic moisture meter prior to application of paints and coatings or other moisture sensitive finishes. Maximum values are as follows.
  - 1. Concrete: 12 percent.
  - 2. Masonry Units (clay and concrete): 12 percent.
  - 3. Wood: 15 percent.
  - 4. Gypsum Board: 12 percent.
  - 5. Plaster: 12 percent.
- C. Coordinate locations where substrates are required to have a higher finish level and indicate on the drawings.

### 2.02 PAINT SYSTEMS

- A. Grade. Paint system shall be Premium Grade in accordance with the Master Painters Institute (MPI) - Architectural Painting Specification Manual.
  - 1. Premium Grade requires a minimum of three coats for uncoated surfaces - prime coat, intermediate coat and topcoat.
  - 2. Comply with the requirements identified in the MPI Manual for applying paint over existing finishes. Each existing surface must be evaluated for compatibility with proposed paint system.
- B. Refer to the table is included in chapter 2 – 6 to identify approved and conditionally approved interior paint systems by building type and room type. The table lists standard paint systems and optional systems and includes, paint types and required gloss level.
- C. Gloss Standard. The gloss (and sheen) of painted surfaces shall be identified in accordance with the gloss level standards developed by the MPI. The following table lists the MPI levels and associates them with the more common terminology for describing gloss levels.

*Table. Master Painters Institute Paint Finish Gloss Standard*

| MPI Gloss Level | Description                                | Gloss at 60 degrees | Sheen at 85 degrees |
|-----------------|--|---------------------|---------------------|
| G1              | Traditional matte finish - flat            | 5 units, max.       | 10 units, max.      |
| G2              | High-side sheen flat, “velvet-like” finish | 10 units, max.      | 10-35 units         |
| G3              | Traditional “eggshell-like” finish         | 10-25 units         | 10-35 units         |
| G4              | “Satin-like” finish                        | 20-35 units         | 35 units, min.      |
| G5              | Traditional semigloss                      | 35-70 units         | -                   |
| G6              | Traditional gloss                          | 70-85 units         | -                   |
| G7              | High gloss                                 | 85 units, min.      | -                   |

**PART 3 - DOCUMENTATION**

**3.01 PAINT**

- A. Project specifications shall be written in accordance with the Master Painters Institute (MPI) standards for product and execution requirements

**PART 4 - SUPPORTING INFORMATION – Not used.**

**END OF DOCUMENT**

