
USACE / NAVFAC / AFCEA / NASA UFGS-09 06 90 (April 2006)

Preparing Activity: USACE Replacing without change
UFGS-09915 (August 2002)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated 9 October 2006

Revised throughout - changes not indicated by CHG tags

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SECTION 09 06 90

COLOR SCHEDULE 04/06

NOTE: This guide specification covers the requirements for color of exterior and interior materials and products.

Comments and suggestions on this guide specification are welcome and should be directed to the technical proponent of the specification. A listing of technical proponents, including their organization designation and telephone number, is on the Internet.

Recommended changes to a UFGS should be submitted as a Criteria Change Request (CCR).

Use of electronic communication is encouraged.

Brackets are used in the text to indicate designer choices or locations where text must be supplied by the designer.

PART 1 GENERAL

1.1 GENERAL

This section covers only the color of the exterior and interior materials and products that are exposed to view in the finished construction. The word "color" as used herein includes surface color and pattern. Requirements for quality and method of installation are covered in other appropriate sections of the specifications. Specific locations where the various materials are required are shown on the drawings. Items not designated for color in this section may be specified in other sections. When color is not designated for items, the Contractor shall propose a color for approval.

1.2 SUBMITTALS

NOTE: Review submittal description (SD) definitions

in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project. Submittals should be kept to the minimum required for adequate quality control.

A "G" following a submittal item indicates that the submittal requires Government approval. Some submittals are already marked with a "G". Only delete an existing "G" if the submittal item is not complex and can be reviewed through the Contractor's Quality Control system. Only add a "G" if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for [Contractor Quality Control approval.] [information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-04 Samples

Color Schedule[; G][; G, [_____]]

NOTE: Coordinate requirement for construction color board with government. Delete the color board submittal when not required. Add addresses for offices to receive color boards in paragraph e. Contact government Project Manager for addresses. The submittal should be for information only since material sample approval is given in quality specifications.

Construction color boards are required for some Air Force facilities.

[_____] sets of color boards, [_____] [120] days after the Contractor is given Notice to proceed, complying with the

following requirements:

- a. Color boards shall reflect all actual finish textures, patterns, and colors required for this contract.
- b. Materials shall be labeled with the finish type, manufacturer's name, pattern, and color reference.
- c. Samples shall be on size 216 by 279 mm 8-1/2 by 11 inch boards with a maximum spread of size 648 by 838 mm 25-1/2 by 33 inches for foldouts.
- d. Samples for this color board are required in addition to samples requested in other specification sections.
- e. Color boards shall be submitted to the following addresses:
[_____]

PART 2 PRODUCTS

2.1 REFERENCE TO MANUFACTURER'S COLOR

NOTE: Where manufacturer's items are referenced for color, check to ensure that the referenced item complies with the appropriate quality standards specified in other sections.

Where color is shown as being specific to one manufacturer, an equivalent color by another manufacturer may be submitted for approval. Manufacturers and materials specified are not intended to limit the selection of equal colors from other manufacturers.

2.2 COLOR SCHEDULE

NOTE: All interior and exterior finish colors are to be included in this specification. Additional materials may be added to the specification. Items not pertaining to the project will be deleted by the designer. Include applicable mechanical, fire protection, structural, architectural, site and electrical items that have an impact on the aesthetics of a facility. These may include the following exterior items: diesel generator sets, transformers, exhaust fans, condensing units, and exterior paving materials. Interior considerations may include items such as exhaust grilles, fan coil units, fin tube/convectors, sprinkler heads, marble thresholds, and building hardware. The color for these items need to be coordinated with the appropriate design discipline.

When this specification is utilized, reference will be made in applicable guide specifications clarifying that "color will be as specified in Section 09 06 90 COLOR SCHEDULE."

Color references indicated after finishes shown in paragraph COLOR SCHEDULE should include the manufacturer, pattern name (when applicable), and color name of the finish (example: Vinyl Composition Tile: XYZ Co., Pattern Stonegate, Color Tourmaline #136). The Color Schedule may contain a reference to another specification section where the color is designated. (Example: Signage: See Section 10 14 02 INTERIOR SIGNAGE for color).

When multiple colors of the same material are specified, add finish color codes and notes within the color listing to identify location of different material colors. For instance, Vinyl Composition Tile (VCT-1): XYZ Co., Pattern Stonegate, Color Shale #18 shall be located in offices and Vinyl Composition Tile (VCT-2): XYZ Co., Pattern Stonegate #39, Color Grey shall be located in storage rooms. To further clarify location of finish colors used in floor and wall patterns or other details, use the finish color code in the specification and on the drawings as a cross-reference tool.

When the project is large or the design is complicated, this section may be used in conjunction with the Room Finish Schedule Drawing. In this instance, the designer can use the drawing to indicate placement, using abbreviations such as C-1 and C-2 (Carpet-1, Carpet-2). The designer must include a statement on the drawing clarifying that "color designations shall be as indicated in Section 09 06 90 COLOR SCHEDULE." Section 09 06 90 is then utilized to specify a manufacturer's reference for all exterior and interior finishes in the following manner: Carpet C-1: XYZ Co., pattern Pebbleweave, color DF506-204 Vienna Woods. The designer should then include a statement that the placement of flooring, base, wall, and ceiling finishes shall be shown on the Room Finish Schedule on the drawings. This method is desirable since it keeps all manufacturer's color references in one location.

Do not duplicate information that is specified in the individual specifications.

The color schedule lists the colors, patterns and textures required for exterior and interior finishes, including both factory applied and field applied colors.

2.2.1 Exterior Walls

Exterior wall colors shall apply to exterior wall surfaces including recesses at entrances and projecting vestibules. Conduit shall be painted to closely match the adjacent surface color. Wall color shall be provided to match the colors listed below.

- 2.2.1.1 Brick:
[_____]
- 2.2.1.2 Mortar:
[_____]
- 2.2.1.3 [Integrally Colored] [Rock/Split-Faced] [Ribbed] [Burnished] [_____] Concrete Masonry Units:
[_____]
- 2.2.1.4 Paint:
[_____]
- 2.2.1.5 Metal Wall Panels, Hardware, and Associated Trim:
[_____]
- 2.2.1.6 Insulation and Finish System:
[_____]
- 2.2.1.7 Precast Concrete:
[_____]
- 2.2.1.8 Precast Stone:
[_____]
- 2.2.1.9 Glass and Glazing:
[_____]
- 2.2.1.10 Cement Board Siding and Trim:
[_____]
- 2.2.1.11 Cultured Stone:
[_____]

2.2.2 Exterior Trim

Exterior trim shall be provided to match the colors listed below.

- 2.2.2.1 Steel Doors and Door Frames:
[_____]
- 2.2.2.2 Steel Windows (mullion, muntin, sash, trim, and sill):
[_____]

- 2.2.2.3 Aluminum Doors and Door Frames:
[_____]
- 2.2.2.4 Aluminum Windows (mullion, muntin, sash, trim, and sill):
[_____]
- 2.2.2.5 Wood Clad Windows (mullion, muntin, sash, trim, and sill):
[_____]
- 2.2.2.6 Wood Stain:
[_____]
- 2.2.2.7 Fascia:
[_____]
- 2.2.2.8 Soffits and Ceilings:
[_____]
- 2.2.2.9 Overhangs:
[_____]
- 2.2.2.10 Downspouts, Gutters, Louvers, and Flashings:
[_____]
- 2.2.2.11 Coping:
[_____]
- 2.2.2.12 Precast Concrete [[Caps][,] [_____] [and] [Sills]]:
[_____]
- 2.2.2.13 Precast Stone [[Caps][,] [_____] [and] [Sills]]:
[_____]
- 2.2.2.14 Caulking and Sealants:
[_____]
- 2.2.2.15 Stringers and Stair Framing:
[_____]
- 2.2.2.16 Control Joints:
[_____]
- 2.2.2.17 Expansion Joint and/or Covers:
[_____]

2.2.2.18 Handrails:

[_____]

2.2.2.19 Signage:

[_____]

2.2.3 Exterior Roof

Roof color shall apply to exterior roof surfaces including sheet metal flashings and copings, mechanical units, roof trim, pipes, conduits, electrical appurtenances, and similar items. Roof color shall be provided to match the colors listed below.

2.2.3.1 Metal:

[_____]

2.2.3.2 Shingles:

[_____]

2.2.3.3 EPDM:

[_____]

2.2.3.4 Penetrations:

[Shall match roof in color.][_____]

2.2.4 Interior Floor Finishes

Flooring materials shall be provided to match the colors listed below.

2.2.4.1 Carpet:

[_____]

2.2.4.2 Carpet Tile:

[_____]

2.2.4.3 Vinyl Composition Tile:

[_____]

2.2.4.4 Sheet Vinyl:

[_____]

2.2.4.5 Rubber Tile:

[_____]

2.2.4.6 Stair Treads, Kick Strips, and Risers:

[_____]

2.2.4.7 Quarry Tile:

[_____]

2.2.4.8 Ceramic Tile:

[_____]

2.2.4.9 Porcelain Tile:

[_____]

2.2.4.10 Grout:

[_____]

2.2.4.11 Plastic Laminate:

[_____]

2.2.4.12 Wood:

[_____]

2.2.4.13 Static [Dissipative] [Conductive] Tile:

[_____]

2.2.4.14 Concrete [Paint] [Stain] [_____]:

[_____]

2.2.4.15 Industrial Floor Coating:

[_____]

2.2.5 Interior Base Finishes

Base materials shall be provided to match the colors listed below.

2.2.5.1 Resilient Base and Moldings:

[_____]

2.2.5.2 Quarry Tile:

[_____]

2.2.5.3 Ceramic Tile:

[_____]

2.2.5.4 Porcelain Tile:

[_____]

2.2.5.5 Grout:

[_____]

2.2.5.6 Coved Sheet Vinyl:

[_____]

2.2.5.7 Glazed Structural Units:

[_____]

2.2.5.8 Prefaced Concrete Masonry Units:

[_____]

2.2.5.9 Brick:

[_____]

2.2.5.10 Mortar:

[_____]

2.2.5.11 Paint:

[_____]

2.2.5.12 Wood:

[_____]

2.2.6 Interior Wall Finishes

Interior wall color shall apply to the entire wall surface, including reveals, vertical furred spaces, grilles, diffusers, electrical and access panels, and piping and conduit adjacent to wall surfaces unless otherwise specified. Items not specified in other paragraphs shall be painted to match adjacent wall surface. Wall materials shall be provided to match the colors listed below.

2.2.6.1 Paint:

[_____]

2.2.6.2 Vinyl Wall Covering:

[_____]

2.2.6.3 Fabric Wall Covering:

[_____]

2.2.6.4 Acoustical Wall Covering:

[_____]

2.2.6.5 Ceramic Tile:

[_____]

2.2.6.6 Ceramic Tile Grout:

[_____]

2.2.6.7 Brick:

[_____]

2.2.6.8 Mortar:

[_____]

2.2.6.9 Metal Liner Panels:

[_____]

2.2.6.10 Glazed Structural Units:

[_____]

2.2.6.11 Prefaced Concrete Masonry Units:

[_____]

2.2.6.12 Columns:

[_____]

2.2.7 Interior Ceiling Finishes

Ceiling colors shall apply to ceiling surfaces including soffits, furred down areas, grilles, diffusers, registers, and access panels. Ceiling color shall also apply to joist, underside of roof deck, and conduit and piping where joists and deck are exposed and required to be painted. Ceiling materials shall be provided to match the colors listed below.

2.2.7.1 Acoustical Tile and Grid:

[_____]

2.2.7.2 Paint:

[_____]

2.2.7.3 Metal Deck:

[_____]

2.2.7.4 Structural Framing:

[_____]

2.2.8 Interior Trim

Interior trim shall be provided to match the colors listed below.

- 2.2.8.1 Steel Doors:
[_____]
- 2.2.8.2 Steel Door Frames:
[_____]
- 2.2.8.3 Steel Windows (mullion, muntin, sash, trim, and stool):
[_____]
- 2.2.8.4 Aluminum Doors and Door Frames:
[_____]
- 2.2.8.5 Aluminum Windows (mullion, muntin, sash, trim, and sill):
[_____]
- 2.2.8.6 Wood Doors:
[_____]
- 2.2.8.7 Wood Stain:
[_____]
- 2.2.8.8 Window Sills:
[_____]
- 2.2.8.9 Fire Extinguisher Cabinets:
[_____]
- 2.2.8.10 Handrails:
[_____]
- 2.2.8.11 Ladders:
[_____]
- 2.2.8.12 Metal Stairs:
[_____]
- 2.2.8.13 Exposed Ductwork:
[_____]
- 2.2.8.14 Closet Shelving:
[_____]

2.2.8.15 Benches:

[_____]

2.2.9 Interior Window Treatment

Window treatments shall be provided to match the colors listed below.

2.2.9.1 Horizontal Blinds:

[_____]

2.2.9.2 Integral Blinds:

[_____]

2.2.9.3 Vertical Blinds:

[_____]

2.2.9.4 Drapery Hardware:

[_____]

2.2.9.5 Window Shades:

[_____]

2.2.10 Interior Miscellaneous

Miscellaneous items shall be provided to match the colors listed below.

2.2.10.1 Toilet Partitions and Urinal Screens:

[_____]

2.2.10.2 Plastic Laminate:

[_____]

2.2.10.3 Solid Surfacing Material:

[_____]

2.2.10.4 Casework:

[_____]

2.2.10.5 Signage Message Color (excluding handicapped signage):

[_____]

2.2.10.6 Signage Background Color (excluding handicapped signage):

[_____]

2.2.10.7 Operable Partitions:

[_____]

2.2.10.8 Acoustical Wall Panels:

[_____]

2.2.10.9 Corner Guards:

[_____]

2.2.10.10 Wall Switch Handles and Standard Receptacle Bodies:

[_____]

2.2.10.11 Electrical Device Cover Plates:

[_____]

2.2.10.12 Electrical Panels:

[_____]

2.2.10.13 Shower [Curtain] [Doors]:

[_____]

2.2.10.14 Shower Wall Kits, Trim and Shower Pan:

[_____]

2.3 PLACEMENT SCHEDULE

NOTE: Coordinate requirement for Placement Schedule with government.

When the placement schedule is used, create finish color codes for each finish color and place code in the appropriate column. Examples of codes are:

Paint Color #123 by Manufacturer ABC, Code PNT-1

Paint Color #456 by Manufacturer ABC, Code PNT-2

This code shall be the same as the Color Schedule code for cross-referencing purposes. Example:

Paragraph 2.6.1 Interior Wall Finish, Paragraph

2.6.1.1 Paint: (PNT-1) Manufacturer ABC, Color #123

(PNT-2) Manufacturer ABC, Color #456.

Use the term "Area" in place of "Room" when the space being defined does not consist of a single room.

Placement of color shall be in accordance with the following schedule:

Room: [_____]

Base Floor N Wall S Wall E Wall W Wall Ceiling

Material: [_____]

PART 3 EXECUTION (Not Applicable)

-- End of Section --