

# GUIDELINES FOR PROFESSIONAL SERVICES

## DIVISION 9 – FINISHES

The following items are to be included on the drawings and in the specifications by the Design Professional:

### I. GENERAL

- A. Flooring finishes shall comply with the attached flooring matrix.  
1. Where Johnsonite Round Hammered Finish rubber tile is installed one of the following approved colors shall be selected:

#### **VIBRANCE COLLECTION**

723 Fireworks B

#### **ARTISAN COLLECION**

716 Celadon  
710 Saber WG  
725 Meteor B  
715 Ming Blue  
714 Azture  
712 Curry CB  
727 Vine  
726 Mud Pie WG  
711 Steam WG

#### **MATERA COLLECTION**

583 Sicily CG  
584 Venice WG  
585 Florence WG

#### **THE GARDENS COLLECTION**

550 Carriage  
555 Lily Pond  
551 Meadows  
556 Carousel  
552 Conservatory  
557 Wood Duck  
553 Blue Swan  
558 Stormy Night  
554 Park Bench  
559 Boathouse

## **THE DOWNTOWN COLLECTION**

530 Statue CG  
534 Alley CG  
538 Bus Stop WG  
531 Billboard WG  
535 Transit WG  
539 Granite CG  
532 Theater WG  
536 Blacktop B  
Main Street WG

- B. Exterior masonry walls with stucco finish shall consist of masonry with a trowel coat of bituminous water proofing on the exterior side of the block. This shall then have galvanized expanded lath that is mechanically attached. The stucco finish shall be 7/8" thick measured from the back of the lath to the finished surface.
- C. Exterior steel stud walls with stucco finish shall consist of steel studs with an exterior layer of backboard such as "Dens-shield" or approved equal. This layer shall receive a ply of "peel and stick" waterproofing membrane. Galvanized expanded lath shall then be applied by screws to the steel studs in sufficient number to resist applied wind loading. The stucco finish shall be 7/8" thick measured from the back of the lath to the finished surface.
- D. Acoustical tile ceilings shall be suspended, exposed grid to receive standard 2' x 2' or 2' x 4' lay-in acoustical panels and flush 2' x 4' lighting fixtures. Special consideration shall be given to acoustical treatment of cafetorium, music, band and choral rooms and to mechanical and electrical equipment rooms. Contractor shall furnish to the Owner spare panels in the amount determined by the Owner for each project.
- E. Painting specifications shall be per attached Specification Section 09 90 00 PAINTING.
  - 1. Building numbers shall be painted on the roofs of all buildings in at least six foot high numbers.
- F. Cement plaster (smooth finish), on galvanized wire lath shall be used for ceilings of the following areas or as otherwise approved by the Owner. Each area above the ceiling shall contain an access panel.

Shower, Locker and Drying Rooms  
Food Storage Rooms

- G. The General Contractor shall be responsible for removal and patching of all "iron spots"

which may occur in any stucco wall finish, brickwork, masonry work or concrete during the one-year warranty period.

H. All drywall shall have a medium orange peel finish.

1. Prior to drywall installation, wood blocking shall be provided for all wall bumpers or wall-mounted doorstops.
2. The texture material shall be mixed with an additive equal to Scott's CreteX #681 in the ratio of 1/3 to 1/2 gallon of resin additive to a 50 lb. box of joint compound.

I. Mechanical and electrical rooms shall not have ceilings.

## SECTION 09 90 00 PAINTING

### PART 1 – GENERAL

#### 1.1. RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General Supplementary Conditions and Division 1 Specification Sections, apply to this section.

#### 1.2. SUMMARY

- A. This section includes surface preparation and field painting of the following:
  - 1. Exposed exterior items and surfaces.
  - 2. Exposed interior items and surfaces.
  - 3. Surface preparation, priming, and finish coats specified in this section are in addition to shop priming and surface treatment specified in other sections.
- B. Paint exposed surfaces, except where the paint schedules indicate that a surface or material is not to be painted or is to remain natural. If the paint schedules do not specifically mention an item or a surface, paint the item or surface the same as similar adjacent materials or surfaces whether or not schedules indicate colors. If the schedules do not indicate color or finish, the Architect will select from standard colors and finishes available.
- C. Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts and labels.
  - 1. Prefinished items include the following factory-finished components:
    - a. Architectural woodwork and casework
    - b. Acoustical wall panels
    - c. Toilet enclosures
    - d. Metal lockers
    - e. Elevator entrance doors and frames
    - f. Elevator equipment
    - g. Finished mechanical and electrical equipment
    - h. Light fixtures
    - i. Distribution cabinets

2. Concealed surfaces include walls or ceilings in the following generally inaccessible spaces:
  - a. Ceiling plenums
  - b. Utility tunnels
  - c. Pipe spaces
  - d. Duct shafts
  - e. Elevator shafts
3. Finished metal surfaces include the following:
  - a. Anodized aluminum
4. Operating parts include moving parts of operating equipment and the following:
  - a. Valve and damper operators
  - b. Linkages
  - c. Sensing devices
  - d. Motor and fan shafts
5. Labels: Do not paint over Underwriters Laboratories (UL), Factory Mutual (FM) or other code-required labels or equipment name, identification, performance rating or nomenclature plates.

### 1.3. DEFINITIONS

- a. General: Standard coating terms defined in ASTM D 16 apply to this Section.
  1. Flat refers to a lusterless or matte finish with a gloss range below 15 when measured at an 85-degree meter.
  2. Eggshell refers to low-sheen with a gloss range between 5 and 20 when measured at a 60-degree meter.
  3. Satin refers to low-sheen finish with a gloss range between 15 and 35 when measured at a 60-degree meter.
  4. Semi gloss refers to medium-sheen finish with a gloss range between 30 and 65 when measured at a 60-degree meter.
  5. Full gloss refers to high-sheen finish with a gloss range more than 65 when measured at a 60-degree meter.

#### 1.4. SUBMITTALS

- A. Product Data: For each paint system specified. Include block fillers and primers.
  - 1. Material List: Provide an inclusive list of required coating materials. Indicate each material and cross-reference specific coating, finish system and application. Identify each material by manufacturer's catalog number and general classification.
  - 2. Manufacturer's Information: Provide manufacturer's technical information, including label analysis and instructions for handling, storing and applying each coating material proposed for use.
- B. Samples for Initial Selection: Manufacturer's color charts showing the full range of colors Available for each type of finish-coat material indicated.
  - 1. After color selection, the Architect will furnish color chips for surfaces to be coated.
- C. Qualification Data: For firms and persons specified in the "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of A/E, Owner, and other information specified.

#### 1.5 QUALITY ASSURANCE

- A. Applicator Qualifications: Engage an experienced applicator who has completed painting system applications similar in material and extent to that indicated for this project with a record of successful in service performance.
- B. Source Limitations: Obtain block fillers, primers and undercoat materials for each coating system from the same manufacturer as the finish coats.

#### 1.6 DELIVERY, STORAGE AND HANDLING

- 1. Deliver materials to the project site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label and the following information:
  - a. Product name or title of material
  - 2. Product description (generic classification or binder type)
  - 3. Manufacturer's stock number and date of manufacture
  - 4. Contents by volume, for pigment and vehicle constituents
  - 5. Thinning instruction
  - 6. Application instructions
  - 7. Color name and number
  - 8. VOC content

- B. Store materials not in use in tightly covered containers in a well-ventilated area at minimum ambient temperature of 45 degrees F. Maintain containers used in storage in a clean condition, free of foreign materials and residue.
  - 1. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application.

#### 1.7 PROJECT CONDITIONS

- A. Apply water-based paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F.
- B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F.
- C. Do not apply paint in rain, fog or mist; or when the relative humidity exceeds 85 percent; or at temperatures less than 5 degrees F. above the dew point; or to damp or wet surfaces.
  - 1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods.

#### 1.8 EXTRA MATERIALS

- A. Furnish extra paint materials from the same production run as the materials applied in the quantities described below. Package paint materials in unopened, factory-sealed containers for storage and identify with labels describing contents. Deliver extra materials to the Director of Construction Services.
  - 1. Quantity: Furnish the Owner with extra paint materials in the quantities indicated below:
    - a. Exterior, Flat acrylic paint: One case of each color applied.
    - b. Exterior, Low-Luster Acrylic Finish: One case of each color applied.
    - c. Interior, Low-Luster Acrylic Finish: One case of each color applied.
    - d. Interior, Semi gloss Acrylic Enamel: One case of each color applied.

## PART 2 – PRODUCTS

### 2.1 MANUFACTURERS

A. Scott Paints' materials are indicated as approved manufacturers, but other manufacturers noted herein may offer their products subject to compliance with all requirements contained herein and approved at least seven (7) days prior to application.

1. PPG Industries, Inc. (PPG)
2. Sherwin-Williams Co. (S-W)

### 2.2 PAINT MATERIALS, GENERAL

A. Material Compatibility: Provide block fillers, primers, undercoats and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

1. Proprietary Names: Use of manufacturer's proprietary product names to designate colors or materials is not intended to imply that products names are required to be used to the exclusion of equivalent products of other manufacturers. Furnish manufacturer's material data and certificates of performance for proposed substitutions.

C. Colors: Provide color selections made by the Architect.

## PART 3 – EXECUTION

### 3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with the applicator present, under which painting will be performed for compliance with paint application requirements.

1. Do not begin to apply paint until unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry.
  - a. The presence of all dust, dirt, mildew and other foreign materials that interfere with paint adhesion shall be removed prior to application of paint and/or other primer coatings. These foreign materials shall be included in the phrase "unsatisfactory conditions".

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2. Start of painting will be construed as the Applicator's acceptance of surfaces and conditions within a particular area.
- B. Coordination of Work: Review other sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
1. Notify the Architect about anticipated problems using the materials specified over substrates primed by others.
- C. Inspect and thoroughly examine all surfaces to be painted prior to the commencement of any work. All work shall be scheduled and coordinated in such a manner that one phase of operation shall not interfere with another. Notify the project manager in writing of conditions that will adversely affect the satisfactory execution of the work including the presence of all dust, dirt and other foreign materials and immediately correct such condition at no charge if the defect was, or would have been, reasonable apparent during pre-bid inspection.

### 3.2 PREPARATION

- A. General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures and similar items already installed that are not to be painted. If removal is impractical or impossible because of the size or weight of the item, provide surface-applied protection before surface preparation and painting.
1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
- B. Cleaning: Before applying paint or other surface treatments, clean the substrates of substances that could impair the bond or adhesion of the various coatings. Remove oil and grease and all other foreign materials, including and dust residue from the gypsum board sanding procedure.
1. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

NOTE: Adhesion tests (ASTM-D-3359 A) will be conducted. Failure of adhesion of paints and/or primers applied over gypsum board that has not been appropriately prepared will indicate the necessity of removal of non-adhering coatings, cleaning the gypsum surface and re-painting per this specification.

- C. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
1. Provide barrier coats over incompatible primers or remove and re-prime.
  2. Cementitious Materials: Prepare concrete, concrete masonry block, cement plaster and mineral fiber-reinforced cement panel surfaces to be painted. Remove efflorescence, chalk, dust, dirt, grease, oils and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
    - a. Use abrasive blast-cleaning methods if recommended by paint manufacturer.
    - b. Determine alkalinity and moisture content of surfaces by performing appropriate tests. If surfaces are sufficiently alkaline to cause the finish paint to blister and burn, correct this condition before application. Do not paint surfaces where moisture content exceeds that permitted in manufacturer's written instructions.
    - c. Clean concrete floors to be painted with a 5 percent solution of muriatic acid or other etching cleaner. Flush the floor with clean water to remove acid, neutralize with ammonia, rinse, allow to dry and vacuum before painting.
  3. Wood: Clean surfaces of dirt, oil and other foreign substances with scrapers, mineral spirits and sandpaper, as required. Sand surfaces exposed to view smooth and dust off.
  4. Scrape and clean small, dry seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer before applying primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dried.
    - a. Prime, stain or seal wood to be painted immediately on delivery. Prime edges, ends, faces, undersides and backsides of wood, including cabinets, counters, cases and paneling.
    - b. Clean concrete floors to be painted when transparent finish is required, backprime with spar varnish.
    - c. Backprime paneling on interior partitions where masonry, plaster or other wet wall construction occurs on backside.
    - d. Seal tops, bottoms and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately on delivery.

5. Ferrous Metals: Clean un-galvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale and other foreign substances. Use solvent or mechanical cleaning methods that comply with the Society for Protective Coatings (SPC) recommendations.
    - a. Blast steel surfaces clean as recommended by paint system manufacturer and according to requirements of SPC-SP 10.
    - b. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.
    - c. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer and touch up with the same primer as the shop coat.
  6. Galvanized Surfaces: Clean galvanized surfaces with non petroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.
- D. Materials Preparation: Mix and prepare paint materials according to manufacturer's written instructions.
1. Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.
  2. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.
  3. Use only thinners approved by paint manufacturer and only within recommended limits.
- E. Tinting: Tint each undercoat a lighter shade to simplify identification of each coat when multiple coats of the same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.

### 3.3 APPLICATION

- A. General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.
1. Paint colors, surface treatments and finishes are indicated in the schedule.
  2. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces or conditions detrimental to formation of a durable paint film.
  3. Provide finish coats that are compatible with primers used.
  4. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, grilles and similar components are in place. Extend coatings in these areas, as required, to maintain the system integrity and provide desired protection.
  5. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before the final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
  6. Paint interior surfaces of ducts with a flat, nonspecular black paint where visible through registers or grilles.
  7. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
  8. Finish exterior doors on tops, bottoms and side edges the same as exterior faces.
  9. Sand lightly between each succeeding enamel or varnish coat.
- B. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
1. The number of coats and the film thickness required are the same regardless of application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. If sanding is required to produce a smooth, even surface according to manufacturer's written instructions, sand between applications.
  2. Omit primer on metal surfaces that have been shop primed and touchup painted.

3. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color and appearance. Give special attention to ensure edges, corners, crevices, welds and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.
  4. Allow sufficient time between successive coats to permit proper drying. Do not recoat surfaces until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and where application of another coat of paint does not cause the undercoat to lift or lose adhesion.
  5. Application Procedures: Apply paints and coatings by brush, roller, spray or other applicators according to manufacturer's written instructions.
  6. Brushes: Use brushes best suited for the type of material applied. Use brush of appropriate size for the surface or item being painted.
  7. Rollers: Use rollers of carpet, velvet back or high-pile sheep's wool as recommended by the manufacturer for the material and texture required.
  8. Spray Equipment: Use airless spray equipment with orifice size as recommended by the manufacturer for the material and texture required.
- C. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate. Provide the total dry film thickness of the entire system as recommended by the manufacturer.
- D. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to items exposed in equipment rooms and in occupied spaces.
- E. Block Fillers: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores filled. If necessary apply second coat or back roll.
- F. Prime Coats: Before applying finish coats, apply a prime coat of material, as recommended by the manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn through or other defects due to insufficient sealing.
- G. Pigmented (Opaque) Finishes: Completely cover surfaces as necessary to provide a smooth, opaque surface of uniform color, appearance and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness pinholes or other surface imperfections will not be acceptable.

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- H. Transparent (Clear) Finishes: Use multiple coats to produce a glass-smooth surface film of even luster. Provide a finish free of laps, runs, cloudiness, color irregularity, brush marks, orange peel, nail holes or other surface imperfections.
  - 1. Provide satin finish for final coats.
- I. Stipple Enamel Finish: Roll and redistribute paint to an even and fine texture. Leave no evidence of rolling, such as laps, irregularity in texture, skid marks or other surface imperfections.
- J. Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not complying with requirements.

### 3.4 FIELD QUALITY CONTROL

- A. The Owner's representative will inspect each phase of preparation and painting. Surface preparation and each coat shall be inspected and approved prior to the application of any additional coat at no charge to the Owner. Forty-eight hours advance notice shall be given prior to the required inspection.
- B. The Owner reserves the right to invoke the following test procedure at any time and as often as the Owner deems necessary during the period when paint is being applied:
  - 1. The Owner will engage the services of an independent testing agency to sample the paint material being used. Samples of material delivered to the project will be taken, identified, sealed and certified in the presence of the Contractor.
  - 2. The testing agency will perform appropriate tests for the following characteristics as required by the Owner:
    - a. Quantitative material analysis
    - b. Abrasion resistance
    - c. Apparent reflectivity
    - d. Flexibility
    - e. Washability
    - f. Absorption
    - g. Accelerated weathering
    - h. Dry opacity
    - i. Accelerated yellowness
    - j. Recoating
    - k. Skinning
    - l. Color retention
    - m. Alkali and mildew resistance.

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3. The Owner may direct the Contractor to stop painting if test results show material being used does not comply with specified requirements. The Contractor shall remove non complying paint from the site, pay for testing and repaint surfaces previously coated with the rejected paint. If necessary, the Contractor may be required to remove rejected paint from previously painted surfaces if, on repainting with specified paint, the 2 coatings are incompatible.
- C. Minimum Coating Thickness Per Coat: Apply material at not less than the manufacturer's recommended spread rate nor less than the following DFT:
- |   |                |
|---|----------------|
| 1. Masonry Primer Coating                               | 1.0 mils, dry  |
| 2. Acrylic Coating                                      | 2.0 mils, dry  |
| 3. Waterproofing Coating to Manufacturer's Requirements |                |
| 4. Elastomeric Coating                                  | 8.0 mils, dry  |
| 5. Wood Primer  | 2.0 mils, dry  |
| 6. Metal Primer   | 2.0 mils, dry  |
| 7. Enamels  | 2.0 mils, dry  |
| 8. Dampproofing   | 30.0 mils, dry |

### 3.5 CLEANING

- A. Cleanup: At the end of each workday, remove empty cans, rags, rubbish and other discarded paint materials from the site.
1. After completing painting, clean glass and paint-spattered surfaces. Remove spattered paint by washing and scraping. Be careful not to scratch or damage adjacent finished surfaces.

### 3.6 PROTECTION

- A. Protect work of other trades, whether being painted or not, against damage by painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.
- B. Provide "Wet Paint" signs to protect newly painted finishes. Remove temporary protective wrappings provided by others to protect their work after completing painting operations.
1. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in PDCA P1.

### 3.7 EXTERIOR PAINT SCHEDULE

A. Concrete, Stucco: Provide the following finish systems over exterior concrete, stucco surfaces:

1. Acrylic Finish: 2 finish coats over a primer
  - a. 1<sup>st</sup> coat Scott #692 Aquaseal Latex surface conditioner (white)
  - b. 2<sup>nd</sup> & 3<sup>rd</sup> coat Scott #420 Acrylic Velvet Supercoat

This system shall be mildew, fade and sulfide stain resistant and shall carry a minimum 5-year labor and material warranty.

B. Concrete Masonry Units: Provide the following finish systems over exterior concrete masonry units:

1. Acrylic Finish: 2 finish coats over a block filler
  - a. 1<sup>st</sup> coat Scott #402 Ultra 100% Acrylic latex Block Filler
  - b. 2<sup>nd</sup> & 3<sup>rd</sup> coat Scott #420 Acrylic Velvet Supercoat

C. Ferrous Metal: Provide the following finish systems over exterior ferrous metal. Primer is not required on shop-primed items.

1. Acrylic-Enamel Finish: 2 finish coats over a rust-inhibitive primer:
  - a. Touch up existing primer with matching primer or prime unprimed metal with Scott #941 Rust-Blok Alkyd metal primer
  - b. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #430 Ultra 100% Acrylic Semi-Gloss Supercoat

D. Zinc-Coated Metal: Provide the following finish systems over exterior zinc-coated (galvanized) metal surfaces:

1. Acrylic-Enamel Finish: 2 finish coats over a galvanized metal primer
  - a. 1<sup>st</sup> coat Scott #692 Aquaseal Latex surface Conditioner  
1<sup>st</sup> coat Devoe Uni-grip for exposed metal decking.
  - b. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #430 Ultra 100% Acrylic Semi-Gloss Supercoat



### 3.8 INTERIOR PAINT SCHEDULE

- A. Concrete: Provide the following paint systems over interior concrete floor surfaces scheduled to be sealed:
1. 1<sup>st</sup> coat Scott #700-709 Silicone Acrylic Concrete Stain, reduced 25% with xylene
  2. 2<sup>nd</sup> and 3<sup>rd</sup> coats Scott #700-709 Silicone Acrylic concrete Stain, full strength
    - a. Broadcast fine carborundum between first and second coat apply at rate of 10 pounds per 100 square feet.
- B. Concrete Masonry Units: Provide the following finish systems over interior concrete masonry block units:
1. 1<sup>st</sup> coat Scott #402 Ultra 100% Acrylic Block Filler
  2. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #435 Allgrip Acrylic Semi-Gloss
- C. Concrete Masonry Units in restrooms, Semi-Gloss Epoxy:
1. 1<sup>st</sup> coat Scott #402 Ultra 100% Acrylic Block Filler
  2. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #921 Acry-Poxy Acrylic Epoxy Enamel Semi-Gloss
- D. Gypsum Board: Provide the following finish systems over interior gypsum board surfaces:
1. 1<sup>st</sup> coat Scott Scrubmaster #120 Latex Drywall Primer
  2. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #435 Allgrip Acrylic Semi-Gloss
- E. Stained Woodwork: Provide the following stained finishes over new, interior woodwork:
3. Stain of Desired Color
  4. 1<sup>st</sup> coat Bruning #505-13 Polyurethane Satin Coating
  5. 2<sup>nd</sup> and 3<sup>rd</sup> coat Bruning #505-13 Polyurethane Satin Coating  
Sand lightly between first and second coat.

F. Ferrous Metal: Provide the following finish systems over ferrous metal:

1. 1<sup>st</sup> coat Scott #692 Aquaseal Latex surface Conditioner (white)
2. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #435 Allgrip Acrylic Semi-Gloss

G. Zinc-Coated Metal: Provide the following finish systems over zinc-coated metal:

1. 1<sup>st</sup> coat Scott #692 Aquaseal Latex surface Conditioner (white)
2. 2<sup>nd</sup> and 3<sup>rd</sup> coat Scott #435 Allgrip Acrylic Semi-Gloss

<i>Area / Room Type</i>	<i>Tandus Carpet Tile</i>	<i>Tandus Walk Off</i>	<i>Tandus Rolled</i>	<i>Shaw Eco Worx</i>	<i>Porcelain / Ceramic Tile</i>	<i>Quarry Tile</i>	<i>Resilient</i>	<i>Wood</i>	<i>Polished or polished/Stained Concrete</i>
Art Rooms		Tandus Abrasive Action All Exterior Entries 6' in from door					<b>Acceptable</b> Johnsonite Microtones Speckled Rubber Tile Hammered Finish 1/8" thick - 24" x 24" #723 Fireworks (or approved Roppe equal)		Standard
Auditoriums		Tandus Abrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						Acceptable under the seating area
Cafeterias		Tandus Abrasive Action All Exterior Entries 6' in from door			<b>Acceptable</b> 12" x 12" (Daltile) Porcelto Unglazed Porcelain Tile - With Epoxy Grout 3/16" or less grout lines				Standard

Standard Classrooms		Tandus Abrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Clinics		Tandus Abrasive Action All Exterior Entries 6' in from door			<i>Acceptable</i> 12" x 12" (Daltile) Porcelto Unglazed Porcelin Tile - With Epoxy Grout 3/16" or less grout lines				Standard
Consession / Kiosk						<i>Acceptable</i> 6" x 6" Daltile Quarry Texture Floor Tile - With Dark Colored Epoxy Grout 3/8" or less Grout Lines			Standard
Consession / Kiosk Walls					4" x 4" Daltile Semigloss wall tile from floor to ceiling				

Conference Rooms		Tandus Abbrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Gymnasiums (High School)								Resilient floating double layered plywood subfloor with #2 grade 25/32" x 2-1/4" thick Maple	
Gymnasiums (Middle School)							Teraflex Sport M Plus 6381 Maple or 6375 Oak	Resilient floating double layered plywood subfloor with #2 grade 25/32" x 2-1/4" thick Maple	
Hallways		Tandus Abbrasive Action All Exterior Entries 6' in from door	<b>Acceptable</b> Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						Standard

Kitchens/Dishwash Area						6" x 6" Daltile Quarry Textures Floor Tile - With Dark Colored Epoxy Grout 3/8" or less Grout Lines			
Kitchen/Dishwash Area Walls					4" x 4" Daltile Semigloss wall tile from floor to ceiling				
Science Labs		Tandus Abbrasive Action All Exterior Entries 6' in from door					Johnsonite Microtones Speckled Rubber Tile Hammered Finish 1/8" thick - 24" x 24" #723 Fireworks, LB5 Nightfall, LC1 Smokiness CG, LB9 Rainstorm WG, LC4 Mountaineer WG, LH9 Alpine, LA7 Dark Roast, LD3 Indigo Dye, LD6 Cosmology B, LB8 Vortex B & LD7 Lunar Explorer WG ( <i>or approved Roppe equals) are the standard allowable colors.</i>		Standard

Media Centers		Tandus Abbrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Office Areas		Tandus Abbrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Planning Areas		Tandus Abbrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Portables		Tandus Abbrasive Action All Exterior Entries 6' in from door		Shaw Field Trip EPBL (Color Picnic) 12' Rolled Goods					

Portable (Arts or Science)		Tandus Abrasive Action All Exterior Entries 6' in from door					Acceptable Johnsonite Microtones Speckled Rubber Tile Hammered Finish 1/8" thick - 24" x 24" #723 Fireworks (or approved Roppe equal)		
Raised Floors <i>(Not a desirable type of flooring system)</i>	Tandus Color Spectrum Power Bond MK 1 RS Backing	Tandus Abrasive Action All Exterior Entries 6' in from door							
Restrooms / Locker rooms					12" x 12" Ceramic (Color Scheme ) or 6" x 6" (depending on pitch) With Epoxy Grout 3/16" or less grout lines				
Restrooms / Locker Room Walls					4" x 4" Daltile Semigloss wall tile from floor to ceiling				
Shower Rooms (floors)					2" x 2" Mosaic Tile With Epoxy Grout				
Shower Rooms (walls)					4" x 4" Daltile Semigloss wall tile from floor to ceiling				
Stages (Elementary)							Johnsonite I.D. Inspiration Vinyl Plank 6.56" x 39.37"		



Stages (Middle & High)								Resilient floating double layered plywood subfloor with 3/4" tongue & groove plywood (black) or 25/32" southern yellow pine	
Stairwells (interior - landings)							Johnsonite Microtones Speckled Rubber Tile Hammered Finish, 1/8" thick - 24" x 24" #723 Fireworks, LB5 Nightfall, LC1 Smokiness CG, LB9 Rainstorm WG, LC4 Mountaineer WG, LH9 Alpine, LA7 Dark Roast, LD3 Indigo Dye, LD6 Cosmology B, LB8 Vortex B & LD7 Lunar Explorer WG (or approved Roppe equals) are the standard allowable colors.		
Stairwells (interior - treads & risers)							Johnsonite Rubber One Piece Tread/Riser Hammered Finish to match Landings		

Storage (Kitchen)						6" x 6" Quarry Tile - With Dark Colored Epoxy Grout 3/16" or less Grout Lines			Acceptable
Storage (Media)		Tandus Abrasive Action All Exterior Entries 6' in from door	Tandus Color Spectrum 6' Rolled Goods Power Bond all seems welded MK 1 RS Backing						
Teachers Lounge		Tandus Abrasive Action All Exterior Entries 6' in from door			Acceptable 12" x 12" (Daltile) Porcelto Unglazed Porcelain Tile - With Epoxy Grout 3/16" or less grout lines				Acceptable