

Section 09 00 00 – Finishes (Maintenance; Common Work Results; Schedules)

1. See appendices for various space type requirements.
2. ALL/ANY item that requires special tools and/or test equipment must be brought to the attention of the pertinent FS personnel prior to specification and/or installation.
3. Finish choices MUST NOT jeopardize, or be made at the expense of, essential building systems.
4. Coat/seal all items prior to installation as much as able; special consideration(s) required in occupied buildings.
5. Water based finishes only for interior and onsite applications.
6. Low VOC materials are to be used; zero VOC when available.
7. Follow finish manufacturer's recommendations for acceptable moisture ranges prior to application / installation. Moisture testing on concrete, substrate, etc. is required prior to installation of finishes and results must be submitted to the PM.
8. **Cutting and Patching:**
 - a. Patch areas in a manner that eliminates evidence of patching and refinishing.
 - b. Refinishing should provide an even surface of uniform finish, color, texture, and appearance of all finish surfaces including as much of the surrounding wall as practical. (I.e. Corner to corner most adjacent to the patch.)
 - c. Patch, repair, and/or re-hang ceilings to provide an even-plane surface of uniform appearance.
 - d. Restore exterior building enclosures to a weather-tight condition.
 - e. Clean all areas and spaces removing debris immediately after work has been completed.

End of Section

Section 09 20 00 – Plaster & Gypsum Board (Assemblies; Supports; Gypsum Plastering; Portland Cement Plastering; Other Plastering; Veneer Plastering; Backing Board & Underlayment)

1. Smooth or sand-finish textures are to be used.

End of Section

Section 09 30 00 – Tiling (Thin-Set; Mortar-Bed; Conductive; Waterproofing-Membrane; Chemical-Resistant)

1. Use of any exterior ceramic tile requires prior FS review and approval.
2. Tile MUST be non-porous and/or sealed.
3. Sanded grout is to be used.
4. Overstock Materials: 10% of each type of tile installed.

End of Section

Section 09 50 00 – Ceilings (Acoustical; Acoustical Ceiling Suspension Assemblies; Specialty; Textured Ceilings; Special Function; Integrated Ceiling Assemblies)

1. See Section 06 10 00 requirement that interior dividing walls must continue to structure as opposed to stopping at ceiling height
2. Overstock Materials: 5% of each type of acoustic tile and/or panel installed.
3. NO spline ceilings.
4. Mechanical and electrical access to equipment above a hard-lid ceiling require a minimum of 24" x 24" access panel with clear path to the equipment.
5. Porous ceilings (tiles and/or systems) are not to be used in 'wet', clean, or sterile applications.

Section 09 50 00 – Ceilings continued

6. Suspended acoustical ceiling systems:
 - a. NO tegular ceiling tile.
 - b. No fiberglass batt insulation at removable ceilings.
 - c. Ceiling grid must be either 2ft x 2ft or 2ft x 4ft.
 - d. T-bar grid to be standard of 1” in width.
7. Ceilings and mechanical/electrical equipment coordination:
 - a. Coordination with mechanical, electrical, and plumbing equipment is required when laying out ceiling grids and supports; no mechanical, electrical, or plumbing access should be blocked
 - b. A ‘Maintenance Access’ zone (vertically & horizontally) is to be defined and called out on drawings and maintained through final construction.
 - c. Lighting shall not be located in the ‘Maintenance Access’ zones or access points.
 - d. Removal of ceiling tiles may not be blocked by equipment locations.
 - 6-inches from the suspended ceiling to the bottom of equipment & ductwork is required for ceiling tile removal.

End of Section

Section 09 60 00 – Flooring (Treatment; Specialty; Masonry; Wood Flooring; Resilient; Terrazzo; Fluid-Applied; Carpeting; Access Flooring)

1. Interior stone floors require prior FS review and approval.
2. Flooring choices must take into consideration traction and slip-resistant properties to minimize incidents.
3. Flooring MUST be sealed per product requirements and/or manufacturer recommendations.
4. Carpet must **not** require dry cleaning methods.
5. Rubber flooring and base is preferred over vinyl.
6. Resilient Flooring
 - a. Also see Laboratories Appendix.
 - b. Manufacturers known to be acceptable: Noraplan, Marmoleum.
 - c. Manufacturer recommendations for initial cleaning shall be followed and performed.
7. Appropriate underlayment materials for finish floor are to be specified and installed.
8. Polished or stained concrete in public areas is preferred.
9. The number of transitions from hard to soft flooring is to be minimized.
10. NO wood flooring. FS review and approval is required for use of any wood flooring.
11. Concrete slabs must be tested for moisture prior to start of flooring installation. Moisture levels in slabs shall be less than the maximum permitted level specified by the flooring manufacturer. Documentation of acceptable moisture levels to be provide to PM.
12. Flooring Material Overstock Requirements:
 - a. Broad Loom Carpet: 5% of installed yardage for each type installed; delivered, wrapped, and labeled.
 - b. Carpet Tile: 3% of installed yardage for each type installed; delivered, wrapped, and labeled.
 - c. Rubber Base: 2% of installed linear feet for each product type; delivered, wrapped, and labeled.
 - d. Resilient Flooring: 10% of installed yardage for each type installed; delivered, wrapped, and labeled.
 - e. Sheet Goods, Treads, Risers, Skirts: 5 yards of each type, color, and pattern installed; delivered, wrapped, and labeled.
 - f. All overstock material shall be from the same manufacturer, lot and/or run as installed in the facility.

Section 09 60 00 – Flooring continued

- g. Provide 6 months supply of specified maintenance products including pads, brushes, and similar application products.
- h. Contractor shall provide an inventory of all overstock items in accordance with Division 1.

End of Section

Section 09 90 00 – Painting & Coating (Staining & Transparent Finishing; Decorative Finishing; High-Performance Coatings; Special Coatings)

1. Graffiti sealing is required on all building envelopes to top of second-level at a minimum. Application method of sealant must not come into contact with the ground or waste water systems.
2. NO application of varnish within occupied buildings.
3. Clean pipe, conduit, and similar features before applying paint or other finishing materials.
4. 1 coat of primer and 2 coats of finish are required on all applications, at minimum.
5. NO painted galvanized.
6. NO 'cold' or spray-on galvanizing.
7. Overstock Materials: 1 gallon of each type and/or color of finish paint used.
8. Do not cover or paint any signs, labels, identification, etc. If covered or painted, the contractor is required to replace items.
9. Draw-downs and final list/matrix of all finish paint are required at project completion within O&M Manuals.
10. Application of Finishes and Paints:
 - a. In accordance with manufacturer's instructions.
 - b. Protect all surfaces not to be coated.
 - c. Provide adequate fresh air and ventilation during application.
 - d. Apply each coat to uniform coating thickness in accordance with manufacturer's instructions, not exceeding manufacturer's specified maximum spread rate for indicated surface.
 - e. Minimum of three paint coats required:
 - Primer coat may be tinted up to 50% of final color.
 - Finish coats: 2 minimum or as required to properly cover.
 - f. Allow manufacturer's specified drying time, and ensure correct coating adhesion, for each coat before applying next coat.
 - g. Inspect each coat before applying next coat; touch-up surface imperfections with coating material, feathering, and sanding if required; touch-up areas to achieve flat, uniform surface without surface defects visible from 5 feet.
 - h. Remove dust and other foreign materials from substrate immediately prior to applying each coat.
 - i. Where coating application abuts other materials or other coating color, terminate coating with a clean sharp termination line without coating overlap.
 - j. Contractor must redo unsatisfactory finishes; refinish entire area to corners or other natural terminations.
11. Campus Colors:
 - a. Powder Coating; Tiger Dry Lac RAL colors:
 - Green: RAL 6005; 49/50670 and 38/50002.
 - Yellow: RAL 1023; 49/22490 and 38/20023.
 - Off-White for radiators: RAL 9010; 49/11500. Powder coat radiators if removable; paint otherwise.
 - Alternate colors to be approved by Owner.

Section 09 90 00 – Painting & Coating continued

- b. UO Green Paint: Miller Paint Co., Sil-Shield 95-5000, color no. 06E1292.
12. Exterior metal accessories and/or furnishings shall be galvanized or powder coated; no painted finish.
- a. Galvanized when accessories are poured in place and/or not removable for refinishing.
 - b. Powder coated when accessories are removable for refinishing.
13. Finishing of Mechanical and Electrical Equipment:
- a. Prime and paint exposed pipes, conduit, boxes, ducts, hangers, brackets, collars and supports, except where items are shop finished or insulated.
 - b. Paint interior exposed conduit and electrical equipment except in mechanical rooms.
 - Galvanized conduit must be pickled, primed, and receive 2 finish coats.
 - c. When painting ventilation grills, access panels, etc. remove item(s) and paint separately.

End of Section

END OF DIVISION 09