

**09 00 00 GENERAL INFORMATION**

1. A color scheme will be recommended as part of renovation or new construction projects. It will be reviewed as part of the design process both with Facilities Management and the department(s) occupying the existing space for a renovation or the design team on new construction. Changes will NOT be made once a color scheme for the project is selected and approved.
2. High traffic corridor and entrance lobby floors should be vinyl composition tile, walk off tile or sealed concrete. Use of ceramic or quarry tile will require review as part of the design process and approval by Facilities Management.
3. Stairways will have a polished concrete finish. Tread should have a raised edge at the side to keep cleaning water from dripping over the edge.
4. Laboratory floors should be polished concrete or seamless epoxy.
5. Rubber base shall be used for all carpet, VCT, resilient flooring and sealed concrete installations unless otherwise noted. Straight rubber base will be used with carpet while coved will be used with all other surfaces.
6. Restroom and locker room walls should be a material or finish that can be power washed. Restrooms should have 18”x18” ceramic tile floors with pre-sealed epoxy grout and wall tile wainscot to at least 60” AFF. Locker room walls should be glazed concrete block, ceramic tile or fiberglass reinforced plastic. Shower room floors should be slip resistant ceramic tile with gray epoxy grout.
7. Floor cleaning equipment is difficult to handle in small areas. Where possible, avoid creating small nooks, alcoves and other recessed areas such as doorways and water coolers.
8. Ledges create places for dirt and dust to settle. Wall and window designs should minimize ledges wherever possible.
9. Fire Hazard classification – provide materials bearing UL labels for the following:
  - a. Flame spread not more than 25
  - b. Fuel contributed not more than 15
  - c. Smoke developed not more than 50
10. All electrical panel boards will be factory painted with low gloss enamel (not flat wall paint) suitable for metal. Field painting will not be permitted.
11. Exterior black pipe gas lines should be cleaned of all oils and rust, primed with rust inhibitive primer, and painted with industrial enamel finish.

**09 20 00 Plaster and Gypsum Board****A. Metal Studs – Non-Structural**

- a. Light gauge metal framing should be minimum 25 gauge x 3-5/8 inches at 16” o.c.
- b. Secure with fasteners or proper crimping tool (welds are discouraged).

**B. Gypsum Board**

- a. All gypsum board should be 5/8 inch thick Type ‘X’. Provide water-resistant paperless board in high moisture areas.

**C. Corner Guards**

- a. Provide corner guards in high traffic areas and areas where rolling carts are used.
- b. Acrovyn 4000 model SSM20N in 4’ pre-made heights. Standard campus color is 305 Mushroom. Other colors will be considered on a project basis for review and approval Facilities Management.

**09 50 00 Ceilings**

For remodels, match existing tile if possible. Armstrong 770 is the predominant. Concealed grid systems and ceiling panels larger than 2’x2’ are not allowed.

**09 31 00 Acoustical Panel Ceilings**

Ceiling Tile  
Manufacturer: Armstrong  
Item 770

### **09 53 00 Acoustical Ceiling Suspension Assemblies**

Ceiling Grid

Manufacturer: Chicago Metallic

Item: 200 series 2'x3' lay-in ceiling, stab type; HDG base white

### **09 60 00 Flooring**

#### **Floor Finish:**

1. Products to be used for finishes, sealers, and strippers must be as recommended by Facilities Management-Custodial Services through the University project manager. Products which are incompatible with the current finish, sealers, or strippers can damage the existing finish.
2. Facilities Management-Custodial Services may choose to install initial seal and finish to new flooring. The University project manager will determine whether this option will be used for the project and advise the architect on new construction or the contractor on remodel projects.
3. Vinyl Composite Tile: seal and apply finish as recommended by Facilities Management-Custodial Services through the University project manager.
4. Stone and Concrete: seal and apply finish as recommended by Facilities Management-Custodial Services through the University project manager.

### **09 65 00 Resilient Flooring**

#### **09 65 13 Resilient Base Accessories**

Manufacturer: Johnsonite is preferred

#### **09 65 16 Resilient Sheet Flooring**

Manufacturer: Armstrong Medintech or Mannington Bio Spec or Fine Fields

#### **09 65 19 Resilient Tile Flooring**

Manufacturer: Armstrong Standard Excelon or Mannington Essentials or Designer Essentials.

Slip Resistant VCT for elevators, ramps, break rooms

Manufacturer: Armstrong Safety Zone or Mannington Safewalk

### **09 68 00 Carpeting**

#### **General Information**

1. Carpet tiles are highly preferred over rolled goods for durability and ease of replacement.
2. Carpeting Restrictions: Carpet tile or carpet will not generally be used in the following areas:
  - a. Where food is served or eaten.
  - b. In any basement or below grade level where dampness or water may be present (even rarely).
  - c. Near any building entrance that does not have replaceable entry matting or walk off tile.
  - d. In any major circulation areas that would be better served by hard surface flooring, such as lobbies or major public corridors.
  - e. In areas with wheeled traffic.
  - f. Experimental or research laboratories.
3. Type and Application:
  - a. Offices and Low Traffic Areas
    - Minimum face weight 26 oz
    - Tufted loop construction
    - Minimum gauge 1/10 inch
    - Maximum pile height ¼ inch
    - Backing characteristics should be a thermoplastic polyolefin compound or similar.

- b. High Traffic Areas should have carpet tile that is appropriate in the yarn system, weight, backing, pattern and color for the traffic use.
- 4. All products are required to limit the environmental impact in their construction, installation and to be recyclable in their removal. They must also be installed without any glue of any kind but with a self adhesive system.
  - a. Manufacturers
    - Shaw with eco\*worx backing part of the Shaw Green Edge Initiative
    - InterFaceFLOR – Cool Carpet certified products
    - Or other alternates will be considered based on their “Green” initiatives and the self adhesive system.

Listed below are the products approved to be used in entry ways as "walk off" tiles. The reason for the multiple selections is based on the need for flexibility to deal with specific traffic issues or in case it is being used in conjunction with the interior carpeting selection.

<u>Mill</u>	<u>Product Name</u>	<u>Comments</u>
Interface	Entry Level	
Milliken	First Appearance	This product has been used extensively both at entry ways and to help with heavily trafficked interior routes. It provides three pattern choices along with four color choices.
Shaw	Steppin Out Collection	Like the choice of two textures depending on foot traffic. Colors are limited.

**09 72 00 Wall Coverings**

1. Wall covering of any type must be approved for the desired location by Facilities Management – Planning and Design.
2. Vinyl wall covering should be difficult to tear and stain resistant with a smooth surface that is resistant to high alkaloid cleaners.
3. The material must pass the applicable fire code based on the location of the desired location.

**09 90 00 Painting and Coating**

**09 91 00 Painting**

**Interior and Exterior Finishes**

1. All painting must be of journeyman level craftsmanship, paying special attention to preparation, etching, priming and undercoating.
2. All finishes should minimize painting and other routine maintenance.
3. Water based, low odor, no VOC products must be used unless high performance oil-based products are necessary.
4. Facilities Management uses a standardized group of colors either by building or by high use areas such as corridors and classrooms. The University project manager will provide the current list of default colors to the Architect on new construction for color scheme coordination. On remodels to existing spaces ever effort will be made to match or blend the existing color scheme of the building to the remodel project.
5. Color variations are discouraged within individual spaces such as labs and offices – establish and conform to a set building color palette.

**Application**

1. When alkyd enamel or other special coatings with objectionable characteristics are specified, special attention must be directed to any public occupancy of the space or adjacent spaces during the painting and repainting process.
2. Do not paint moving parts of operating units, mechanical and electrical parts, such as valve and damper operators, linkages, sensing devices, motor and fan shafts, and sprinkler heads.
3. Do not paint bare metal or stainless steel toe kick. If previously painted contractor is required to review prior to re-painting with the University project manager.
4. Do not paint over code-required labels, such as Underwriters Laboratories and Factory Mutual, or equipment identification, performance rating, name, or nomenclature plates.
5. Existing painted surfaces should be tested to determine if lead is present. If present, notify the University project manager.
6. Delivery materials to the project site in original, new, and unopened containers bearing manufacturer's name, label and manufacturer's product information.

### **09 91 13 Exterior Painting**

Concrete should have an elastometric paint either from Sophir Morris or Diamond Vogel.

Metal should receive a polyurethane finish. Product is Coronado from Sophir Morris.

### **09 91 23 Interior Painting**

Interior Latex

Pro-Mar 200 0-VOC

Manufacturer: Sherwin Williams

Use in offices, classrooms, conference rooms

Follow Sherwin Williams specifications for surface preparation, application and clean up.

Water Based Catalyzed Epoxy

Manufacturer: The Sherwin-Williams Company

Use in bathrooms – especially residence halls

Finish: Semi-gloss

Sherwin Williams is the preferred paint provider. Any substitutes will require prior approval through the Facilities Management Planning and Design department in conjunction with the Facilities Management paint shop operations supervisor.

Hallways, stairwells and other public spaces shall have satin finish.

Office areas, reception spaces, or other private department areas shall have egg shell finish.

Door Frames – Sherwin Williams direct to metal (DTM) water born semi-gloss paint. If covering previous oil base finish contractor is required to prime with Sherwin Williams water based adhesion primer.

Ceilings shall have a flat finish. White has been the standard but can be decided on a project-by- project basis.

New dry wall shall receive on coat of Sherwin Williams PVA primer and two finish coats. During a remodel existing dry wall shall receive two finish coats.

Interior Handrails – Sherwin Williams ProClassic water born semi-gloss paint.

**09 93 00 Staining and Transparent Finishing**

**09 93 23 Interior Staining and Finishing**

Existing wood work should use Diamond Vogel varnish. Mix one part satin to two parts gloss to create a semi-gloss finish.

New wood work should use a waterborne product.