DIVISION 9 - FINISHES

09 00 00 - GENERAL INFORMATION

A. General Information:

1. A Color Scheme shall be recommended by the A/E, and submitted to the University Representative for review and approval by Facilities Management-Design and Construction and the department(s) occupying the building. Changes will not be made once a color scheme for the project is selected and approved.

2. High traffic corridor and entrance lobby floors shall be vinyl composition tile, terrazzo or sealed concrete. Do not use ceramic or quarry tile.

3. Stairways shall have a polished concrete finish. Tread should have a raised edge at the sides to keep cleaning water from dripping over the edge.

4. Laboratory floors shall 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.

6. Restroom and locker room walls should be a material or finish that can be power washed. Restrooms shall have ceramic tile floors with beige grout and wall tile wainscot to at least 60" AFF. Locker room walls shall be glazed concrete block, ceramic tile or fiberglass reinforced plastic. Shower room floors should be slip resistant ceramic tile with gray or black 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 watercoolers.

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. To assist the consulting A/E in the selection of finishes, the University Representative shall provide the current listing of materials available on preferred contract pricing through Facilities Management-Stores and Procurement Services.

11. All electrical panelboards will be factory painted with low gloss enamel (not flat wall paint) suitable for metal. Field painting will not be permitted.

12. Exterior black pipe gas lines shall 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

1. Light gauge metal framing shall be minimum 25 gauge x 3-5/8 inches @ 16” o.c.
2. Secure with fasteners or proper crimping tool (welds are discouraged).

B. Gypsum Board:
   1. All gypsum board shall be 5/8 inch thick Type 'X'. Provide water-resistant paperless board in high moisture areas.

C. Corner Guards:
   1. Provide rounded corner guards in high traffic areas and loading zones for research laboratories where rolling equipment carts are used.

09 30 00 – TILING
A. To reduce lead times, use local vendors for procurement.

09 50 00 – ACOUSTICAL CEILINGS
A. Sole Source Products:
   1. Ceiling tile – see Sole Source Appendix.
   2. Ceiling grid - see Sole Source Appendix.

B. Ceiling Tile:
   1. For remodels, match existing ceiling tile if possible. These Armstrong products predominant:
      a. Minaboard FireGuard - Fissured 895 (If existing cannot be matched, use Fissured 895)
      b. Georgian 898
   2. All new buildings shall use the Sole Source Product.
   3. Concealed grid systems and ceiling panels larger than 2’ x 4’ are not allowed.
   4. Use scrubbable vinyl-faced ceiling tile, Armstrong VL Unperforated Fire Guard 870, in restrooms and high humidity areas.

C. Ceiling Panel Markers for access identification - Color Code.
   1. Removable ceiling tile may provide access to mechanical/electrical components located above the ceiling. The panel or tile shall be marked with colored map tacks glued in place) according to the following schedule:

<table>
<thead>
<tr>
<th>Description of Access</th>
<th>Pin Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste: valves &amp; unions</td>
<td>Blue</td>
</tr>
<tr>
<td>Waste: cleanouts</td>
<td>Black</td>
</tr>
<tr>
<td>Ventilation: test areas, dampers</td>
<td>Purple</td>
</tr>
<tr>
<td>Fire dampers or fire detector</td>
<td>Red</td>
</tr>
<tr>
<td>Electrical: transformers &amp; resistance heaters</td>
<td>Orange</td>
</tr>
<tr>
<td>Natural gas, oxygen, steam valves &amp; unions</td>
<td>Yellow</td>
</tr>
<tr>
<td>Nitrogen, compressed air, vacuum valves &amp; unions</td>
<td>Green</td>
</tr>
</tbody>
</table>
09 61 00 – FLOORING TREATMENT

A. Floor Finish:

1. Products to be used for finishes, sealers, and strippers shall be as recommended by Facilities Management-Custodial Services through the University Representative. 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 Representative shall determine whether this option will be used for the project and direct the Architect accordingly.

3. Vinyl Composite Tile: Seal and apply finish as recommended by Facilities Management – Custodial Services through the University Representative.

4. Stone and Concrete: Allow adequate curing. Seal and apply finish as recommended by Facilities Management – Custodial Services through the University Representative.

5. Ceramic Tile: Grout sealer is required; apply no sooner than 48 hours after grouting. Seal and apply finish as recommended by Facilities Management – Custodial Services through the University Representative.

09 65 00 - RESILIENT FLOORING

B. Sole Source Products:

1. Vinyl composite tile - see Sole Source Appendix.
2. Rubber base - see Sole Source Appendix.

C. Vinyl Composite Tile:

1. VCT shall be 1/8 inch thick, 12 inches x 12 inches.
2. Medium tone colors are preferable for ease of maintenance.
3. Prohibited in restroom and wet areas.

D. Rubber Base:

1. Top set coved and extended toe base with premolded outside corners, thermoset, 4 inches in height.
2. Integral bases formed with sheet flooring shall have a backing behind the cove.

09 68 00 – CARPETING

A. General Information

1. Carpet tiles are preferred over rolled goods for durability and ease of replacement.

2. Under normal circumstances, carpet will be installed only in faculty or administrative offices (not graduate student offices). Classrooms and lecture rooms will be carpeted only when necessary for acoustic reasons.
B. Type and Application:

1. Offices and Low Traffic Areas
   - Minimum face weight 26 oz.
   - Tuffed loop construction
   - Minimum gauge 1/10 inch
   - Maximum pile height 1/4 inch
   - Backing must be "UltraBac" or have an approved backing.

2. High Traffic Areas shall have carpet that is appropriate for use.

3. Direct glue carpet shall have 3M Scotch Guard or equal protectant that is resistant to staining. Vacuum thoroughly and spray with protectant.

09 72 00 - WALL COVERINGS

A. Vinyl Wall covering:

1. Vinyl wall covering must be approved for desired location by Facilities Management-Design and Construction through the University Representative. The material should be difficult to tear and stain resistant with a smooth surface that is resistant to high alkaloid cleansers.

09 90 00 – PAINTING AND COATING

A. Acceptable Products:

1. Wood Stains - Devoe or Watco.

B. 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 shall minimize painting and other routine maintenance. A semi-gloss material is recommended for halls, restrooms, classrooms and other high traffic areas.

3. Interior and exterior paint colors shall be based on the KWAL Paint color chart.

4. Waterbased, low odor, no VOC products should be used unless high performance oil-based products are necessary.

5. Facilities Maintenance uses a standardized group of colors for high use areas such as corridors and classrooms. The University Representative will provide the current list of default colors to the Architect for color scheme coordination. Color variations are discouraged within individual spaces such as labs and offices – establish and conform to a set building color palette.

C. 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. Exterior black pipe gas lines: Surface shall be cleaned of all oils and rust, primed with rust
inhibitive primer and painted with industrial enamel finish.