

## Division 09 - Finishes

1. Interior finishes that are extravagant or costly, or that require a high degree of maintenance, are not permitted. Likewise, finishes that require extremely high levels of workmanship or extremely close tolerances during construction are not permitted.
2. Obtain George Mason University approval of the colors of all finish materials
3. Specify the flame spread and smoke-developed requirements for each interior finish material. Require submittals to indicate the actual flame spread and smoke-developed ratings for each material.
4. Do not specify maintenance materials for finish materials.

### 09 30 00 Tiling

1. Quarry Tile Cleaning: Where quarry tile is specified, require the Contractor to clean the floor with Hillyard Seal 341 or approved equal. Select colors to minimize showing of dust and footprints.

### 09 51 00 Acoustical Ceilings

1. Specify and schedule suspended acoustical panel ceilings in lieu of gypsum board wherever possible.
2. Specify minimum 15/16-inch wide exposed runners for suspended ceiling systems.  
Product: Intermediate duty, double web, exposed grid system, equal to DX system by Donn Corporation; main tee equal to DX-24, cross tee equal to DX-422.
3. Specify standard ceiling panels not requiring special order or premium price.  
Product, General Locations: Acoustical Panel: 24 x 24 x 5/8-inch, non-directional mineral board square-edge panels, equal to Armstrong 770 or Celotex 157 Safetone. Specify moisture resistance for all panels.  
Product, Restrooms, Laboratories, Kitchens, and other Damp Locations: Ceramic-faced panels, 24 x 24 x 5/8-inch high density, resistant to moisture, steam, and chemicals, equal to Armstrong Ceramaguard 601A.
4. Do not specify concealed spline ceiling tile systems unless acoustical tiles are directly adhered to ceiling substrate, and only with George Mason University approval.
5. Detail expansion and movement control joints. Specify joint assemblies and soffit covers to minimize visual impact.

### 09 60 00 Flooring

1. The following are suggested floor finishes for certain space types. Except for materials noted as prohibited, actual finishes are to be selected by the A/E based on design judgment and the specific building requirements:
  - Offices: Carpet.
  - Seminar and conference rooms: Carpet.
  - Library and reading rooms: Carpet.
  - Restrooms: Ceramic tile with dark colored grout. Dark grout and ceramic tile covered base should extend up walls at least 4 inches.
  - Classrooms: Vinyl composition tile (VCT).
  - Corridors: Terrazzo or VCT. Carpet may be scheduled for upper floors in buildings where spills are not anticipated.

- Lounges: VCT unless no vending area nearby, in which case carpeting may be considered.
  - Stairs: Terrazzo or rubber tile. Provide contrasting color warning stripe on first tread and at landing, either integral with stair tread material, or inset into tread material.
  - Laboratories: Fluid-applied epoxy or seamless sheet vinyl. Do not specify vinyl tile.
  - Entrances and Vestibules: Pedigrid/pedimat for recessed and on-surface areas (recessed preferred).
  - Lobbies: Terrazzo, Ceramic Tile or VCT.
  - Multi-Purpose Rooms: Wood flooring.
  - Janitor's Closets: Ceramic tile with 4-inch base and dark colored grout,
  - IT Closets: Static dissipative VCT,
  - Food Preparation Areas: To be determined by George Mason University.
  - Dining Rooms: Specify carpet tiles in lieu of broadloom carpet.
2. Detail expansion and movement control joints. Specify joint assemblies and covers to minimize visual impact and to withstand high traffic.
  3. Floor treatment for exit stairways, corridors, common areas, assembly rooms, resident hall rooms and apartments shall be constructed of not less than Class I materials as tested to ASTM E648. Testing must be performed by an approved agency and each lot of carpeting procured shall be accompanied with a certified test report identifying the carpet by manufacturer and style name, and shall be representative of the current construction of the carpet. The carpet must also pass the DOC FF-1 "pill test" (CPSC 16 CFR, part 1630).
  4. Floor treatment for offices and other areas not specified above shall be classified not less than Class II in accordance with ASTM E648. Testing must be performed by an approved agency and each lot of carpeting procured shall be accompanied with a certified test report identifying the carpet by manufacturer and style name, and shall be representative of the current construction of the carpet. The carpet must also pass the DOC FF-1 "pill test" (CPSC 16 CFR, Part 1630).
  5. Provide details where floor coverings meet building expansion joints to ensure smooth transitions that will not present trip hazards or maintenance problems. Floor coverings shall not cover expansion joints without a transition. Pay special attention to providing a smooth, functional and attractive transition detail.

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

1. Avoid use of fissured, ribbed or otherwise textured vinyl composition or rubber tile, except in locations where high slip resistance is required.
2. Select color and finish to make imperfections less noticeable.
3. Floor Tile: Vinyl composition, 1/8" x 12" x 12", as manufactured by Kentile, Armstrong or equal, meeting or exceeding Federal Specification #SF-T-321 B, Type 4. Colors selected shall minimize the showing of dust and/or footprints.
4. Base: Vinyl cove base, 4" or 6", as manufactured by Roppee Rubber, Johnsonite Rubber Company, Flexco, or equal, meeting or exceeding Federal Specification #SF-W-40A, Type 1.
5. Specify the type of floor sealer and wax to be used by the contractor prior to building turnover.
6. Linoleum is not permitted.

**09 68 00 Carpeting**

1. Specify that the Contractor is to provide a Notarized Statement from Manufacturer to the effect that all carpeting and associate materials (including padding) shall be certified to have a minimum flame spread and smoke developed rating meeting the requirements of the VUSBC.
2. Specify impervious carpet backing, such as vinyl.
3. Specify carpet to be solution-dyed.

**09 70 00 Wall Finishes**

1. Detail expansion and movement control joints. Specify joint assemblies and wall covers to minimize visual impact.

**09 90 00 Painting and Coating**

1. Specify eggshell paint in lieu of flat paint.
2. Specify a single brand of paint – e.g. Sherwin Williams (paint shop uses a Sherwin Williams paint mixing machine)
3. Specify paint colors and sheens using Sherwin Williams numbers as the basis-of-design, even if other brands are specified as permissible.
4. Specify paint and coating products with zero VOCs, including exterior paints and coatings.
5. Special paint is required for video-conferencing spaces, as determined by Campus Planning and ITU.
6. Specify paint for each use:
  - Office walls: flat
  - Corridor walls: eggshell
  - Toilet room walls and ceilings: semi-gloss
  - Kitchen walls and ceilings: semi-gloss
  - Doors and Door Frames: semi-gloss
  - Railings: gloss (currently) – will transition to DTM (Direct to Metal) paint
7. Maintenance Stock: One full can of each paint type and color per building, plus records.
8. See Division 22 for painting pipes for identification.