

## DIVISION 9 FINISHES

<u>Section No.</u>	<u>Title</u>	<u>Comments</u>
09 29 00	GYPSUM BOARD SYSTEMS	<ol style="list-style-type: none"> <li>1. Manufacturer's product for typical wall locations:               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ ToughRock Gypsum Board.</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Sheetrock Brand Gypsum Panels.</li> </ul> </li> </ol> </li> <li>2. Manufacturer's product for high traffic areas (corridors):               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ ToughRock Abuse-Resistant Gypsum Board</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Sheetrock Brand AR Panels</li> </ul> </li> </ol> </li> <li>3. Manufacturer's product for wall areas subject to moisture:               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ DensArmor Plus High-Performance Interior Panel.</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Sheetrock Brand Mold Tough Panels</li> </ul> </li> </ol> </li> <li>4. Manufacturer's product for ceiling board:               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ DensGlass Sheathing ½" thickness</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Sheetrock Brand Gypsum Panels ½" thickness</li> </ul> </li> </ol> </li> <li>5. Manufacturer's product for ceiling board subject to moisture:               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ DensArmor Plus Interior Panels ½" thickness</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Sheetrock Brand Glass-Mat Panels Mold Tough (regular) ½" thickness</li> </ul> </li> </ol> </li> <li>6. Manufacturer's product for exterior substrate:               <ol style="list-style-type: none"> <li>a. Georgia Pacific:                   <ul style="list-style-type: none"> <li>▪ DensGlass (regular) Sheathing or Fireguard Sheathing</li> </ul> </li> <li>b. USG:                   <ul style="list-style-type: none"> <li>▪ Securock Glass Mat Sheathing Regular or Firecode X</li> </ul> </li> </ol> </li> <li>7. Edge profiles: Square cut on short end, long edges shall be tapered.</li> <li>8. Accessories:               <ol style="list-style-type: none"> <li>a. Metal corners and edge trim, screw fastened.</li> </ol> </li> <li>9. Finishing of Gypsum Board:</li> </ol>

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		<ul style="list-style-type: none"> <li>a. Level 1 for utility spaces, plenums, and concealed areas</li> <li>b. Level 4 for most all other areas, except as noted below</li> <li>c. Level 5 for skylight wells and other areas prone to be viewed with high levels of sunlight or areas with a gloss finish</li> </ul> <p>Smooth finish for all surfaces exposed to view; no orange peel or other texturing.</p>
09 30 13	CERAMIC TILE	<ul style="list-style-type: none"> <li>1. Manufacturer: <ul style="list-style-type: none"> <li>a. Daltile <ul style="list-style-type: none"> <li>▪ Walls: “Natural Hues” 6” x 6” sizes</li> <li>▪ Floors: “Natural Hues” 12” x 12” sizes</li> </ul> </li> <li>b. American Olean <ul style="list-style-type: none"> <li>▪ Walls: “Bright” 6” x 6” sizes</li> <li>▪ Floors: “Theoretical” 24”x24” and 12”x24”x 3/8” or unglazed mosaic tile</li> </ul> </li> </ul> </li> <li>2. Grout: <ul style="list-style-type: none"> <li>a. Bostik: <ul style="list-style-type: none"> <li>▪ Hydroment Vivid or Ceramic Tile Grout sanded</li> </ul> </li> <li>b. Custom Building Products <ul style="list-style-type: none"> <li>▪ Polyblend sanded</li> </ul> </li> <li>c. Laticrete <ul style="list-style-type: none"> <li>▪ 1500 Sanded</li> </ul> </li> <li>d. No white or light colored grout</li> <li>e. 1/8” grout joint preferred</li> </ul> </li> <li>3. Mortar: <ul style="list-style-type: none"> <li>a. Bostik <ul style="list-style-type: none"> <li>▪ PM and Large Format Floor</li> </ul> </li> <li>b. Custom Building Products <ul style="list-style-type: none"> <li>▪ MegaLite RS and MegaLite Ultimate CP</li> </ul> </li> <li>c. Laticrete <ul style="list-style-type: none"> <li>▪ 252 Silver for thin-set</li> <li>▪ 226 Thick-bed with 3701 admixture for mortar bed installation, or 3701 Fortified mortar bed</li> </ul> </li> </ul> </li> <li>4. Sheet membrane waterproofing: <ul style="list-style-type: none"> <li>a. NobleSeal TS at floors of rest rooms and showers; run 12” minimum up tile backer-board on walls.</li> </ul> </li> <li>5. Sealant: <ul style="list-style-type: none"> <li>a. Dow Corning 786 Silicone Sealant – M</li> </ul> </li> </ul>

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		<ul style="list-style-type: none"> <li>b. GE SCS1700 Sanitary and SCS1702</li> <li>c. Tremco Sealants Proglaze</li> </ul> <p>6. Tile backer-board:</p> <ul style="list-style-type: none"> <li>a. Georgia Pacific Dens-Shield tile backer-board behind all ceramic tile</li> <li>b. USG Durock Brand Glass-Mat tile backer-board also acceptable</li> </ul> <p>7. All grout to be mixed with Custom Building Products "Stain Blocker for Grout" or Specialty Construction Brands Grout Boost Advanced Pro in lieu of grout sealer</p> <p>Provide 10 square feet of extra stock for each type and color of tile.</p> <p>Avoid complicated layouts that will add to installation costs.</p> <p>Floor tile in wet areas shall have a COF .60 or greater.</p> <p>Use thin-set floor installation method above ground floor and mortar bed installation method at ground floors.</p>
09 30 16	QUARRY TILE	<ul style="list-style-type: none"> <li>1. Use in kitchen areas if budget allows.</li> <li>2. No white or light colored grout.</li> <li>3. All grout to be mixed with Custom Building Products "Stain Blocker for Grout" or Specialty Construction Brands Grout Boost Advanced Pro in lieu of grout sealer.</li> </ul>
09 30 19	PAVING TILE	<ul style="list-style-type: none"> <li>1. Use at high traffic public stairways.</li> <li>2. 3/8" thick minimum.</li> <li>3. No white or light colored grout.</li> <li>4. Slip resistant finish; COF .60 or greater.</li> <li>5. All grout to be mixed with Custom Building Products "Stain Blocker for Grout" or Specialty Construction Brands Grout Boost Advanced Pro in lieu of grout sealer.</li> <li>6. Use of bond breaker membrane for crack isolation.</li> </ul>
09 51 13	ACOUSTICAL TILE CEILINGS	<p>Suspension type systems:</p> <ul style="list-style-type: none"> <li>1. Manufacturer: Armstrong or US Gypsum products preferred. Rockfon also approved</li> <li>2. Suspension Grid: (ASTM Heavy Duty Class) <ul style="list-style-type: none"> <li>a. Armstrong: Prelude Plus XL Aluminum 15/16" exposed tee</li> <li>b. USG: AX, DXLA and DX / DXL 15/16" exposed tee</li> <li>c. Rockfon: Seismic 1200 – 15/16" exposed tee</li> </ul> </li> <li>3. Panels:</li> </ul>

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		<ul style="list-style-type: none"> <li>a. Armstrong: Ultima High NRC, Mesa and Cirrus preferred. Dune also acceptable.</li> <li>b. USG: Eclipse High NRC, Olympia Micro and Radar.</li> <li>c. Rockfon: Alaska dB</li> </ul> <ul style="list-style-type: none"> <li>4. Panel sizes: 2'x4'. 2' x 2' grid at architectural features when approved.</li> <li>5. Panel colors: Standard white. Other colors when approved.</li> </ul> <p>CertainTeed / Saint-Gobain products will also be considered.</p> <p>Transition metal: Use same finished material as finished aluminum grid; 24 Ga. metal profiles for transitions between different ceiling heights.</p> <p>Seismic wall clips as per manufacturers recommendation. Use galvanized steel, size and type to suit application, seismic requirements, and ceiling system.</p> <p>Glue-on ceiling systems:</p> <ul style="list-style-type: none"> <li>1. Pinta Acoustic, Inc. <ul style="list-style-type: none"> <li>a. SONEX Glue on Contour at areas where acoustic performance is of high importance</li> </ul> </li> </ul>
09 65 13	RESILIENT BASE	<ul style="list-style-type: none"> <li>1. Mannington Thermoset rubber (TS), preferred</li> <li>2. Size: 4" x 1/8" roll or straight lengths</li> <li>3. Color: Midnight #938 (Black)</li> <li>4. Finish: Satin</li> <li>5. Use prefinished exterior corners, typical</li> <li>6. Armstrong, Burke, Johnsonite and Roppe products which specs are equal to this product are approved.</li> </ul>
09 65 16	RESILIENT FLOORING	<p>No-wax resilient flooring products should be highly encouraged for use in high traffic areas such as corridors and elevators. See below for a basis of design:</p> <ul style="list-style-type: none"> <li>1. Rubber Tile: Mannington Teles, ColorSpec or ColorScape.</li> <li>2. Size: 18-1/8" tiles.</li> <li>3. Expanko Reztec, Mohawk TRUE Medi-Flex are also approved products.</li> <li>4. Subfloor filler: Use water based type recommended by adhesive manufacturer.</li> <li>5. Primers, adhesives and seaming materials: Water</li> </ul>

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		<p>based, waterproof, solvent free types as recommended by flooring manufacturer.</p> <ol style="list-style-type: none"> <li>6. Moldings, transition and edge strips: Metal</li> <li>7. Seams: Heat welded rod as recommended by flooring manufacturer; color to match floor field color.</li> <li>8. Before installation: Verify that all surfaces are per the tolerances acceptable to the flooring manufacturer and are free of cracks that could telegraph through. All floor surfaces should also be clean, dry and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding. Concrete slab test results must indicate requirements for moisture content and alkalinity are below manufacture's allowable criteria before installation may proceed. Obtain direction from manufacturer if the test results do not meet those requirements.</li> </ol>
09 65 66	RESILIENT ATHLETIC FLOORING	<ol style="list-style-type: none"> <li>1. Basis of design: Robbins Sports Surfaces, Pulastic Classic 110r for use in Main Gymnasiums.</li> <li>2. Gerflor Taraflex Multi-use 5.0 Maple considered for use in Auxiliary Gymnasiums.</li> <li>3. No Tuflex Rubber Flooring, the off-gassing fumes from this product are overbearing.</li> </ol>
09 68 13	TILE CARPETING	<p>For fixed walkoff mats:</p> <ol style="list-style-type: none"> <li>1. Manufacturer: Interface</li> <li>2. Product Line: Entry Level</li> <li>3. Backing: Glasbac Tile</li> <li>4. Fiber: Blended Yarn Nylon</li> <li>5. Dye Method: Solution Dyed</li> <li>6. Pile: .150-inch thickness</li> </ol> <p>General purpose tile carpet:</p> <ol style="list-style-type: none"> <li>1. Mohawk Group</li> <li>2. Product Line: Artist II, CEO II and Doctor II</li> <li>3. Backing: EcoFlex ICT</li> <li>4. Fiber: Colorstrand Nylon</li> <li>5. Dye Method: Solution / Yarn Dyed</li> <li>6. Pile Weight: 15 oz. per yard</li> <li>7. Extra stock: Provide 15 full size extra tiles for future use of each type, color and pattern.</li> </ol> <p>Subfloor filler: Use water based type recommended by</p>

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		<p>adhesive manufacturer.</p> <p>Before installation: Verify that all surfaces are per the tolerances acceptable to the flooring manufacturer and are free of cracks that could telegraph through. All floor surfaces should also be clean, dry and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding. Concrete slab test results must indicate requirements for moisture content and alkalinity are below manufacture's allowable criteria before installation may proceed. Obtain direction from manufacturer if the test results do not meet those requirements.</p>
09 70 00	WALL FINISHES	<ol style="list-style-type: none"> <li>1. High traffic corridor walls shall be finished with wainscots and should be painted MDF, stained and / or sealed Bamboo or Plywood panels.</li> <li>2. Maple or metal trim at horizontal wall finish transitions.</li> <li>3. FRP at mop sinks and kitchens</li> </ol>
09 84 00	ACOUSTIC ROOM COMPONENTS	<p>Clip or track mounted, fabricated fiberglass acoustical wall panel with stretched fabric covering.</p> <ol style="list-style-type: none"> <li>1. Edges: Square</li> <li>2. Thickness: As determined by designer</li> <li>3. Trim: Aluminum angle</li> </ol>
09 91 13	EXTERIOR PAINTING	<ol style="list-style-type: none"> <li>1. Low to Zero VOC paints preferred. Review proposed paints with Owner for selection.</li> <li>2. Product: 2010 – 100% Acrylic Latex Exterior</li> <li>3. Contractor to provide 2-year performance bond.</li> <li>4. Contractor to set up pre-paint walk through prior to application.</li> <li>5. Limit selection to three paint colors.</li> <li>6. Contractor to provide 2-year performance bond.</li> </ol> <p>General:</p> <ol style="list-style-type: none"> <li>1. Materials, preparation and workmanship shall conform to all requirements of the current edition of the Architectural Painting Specification Manual by the Master Painters Institute (MPI) hereafter referred to as the MPI Painting Manual.</li> <li>2. Only materials listed in the current edition of the MPI Painting Manual. All integral systems shall be from a single manufacturer.</li> <li>3. Unless otherwise specified herein or pre-approved, all paint shall be ready-mixed and pre-tinted. All paint</li> </ol>

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		<p>shall be re-mixed in containers prior to application.</p> <ol style="list-style-type: none"> <li>4. All painting work shall be in accordance with MPI Premium Grade finish requirements.</li> <li>5. Exterior Metal Fixtures: Campus Standard Bronzetone (see college for sample) with eggshell (G3) finish</li> </ol>																
09 91 23	INTERIOR PAINTING	<ol style="list-style-type: none"> <li>1. Low to Zero VOC paints preferred. Review proposed paints with Owner for selection.</li> <li>2. Contractor to provide 2-year performance bond.</li> <li>3. Manufacturer pre-paint walk through prior to application.</li> <li>4. Discourage the use of “flat” sheen, except as noted.</li> <li>5. Standard Interior Color: White (see college for sample)</li> <li>6. Sheen: <table border="0" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;"><u>Location</u></th> <th style="text-align: left;"><u>Finish</u></th> </tr> </thead> <tbody> <tr> <td>Public walls</td> <td>G3 – Eggshell</td> </tr> <tr> <td>Doors and frames</td> <td>G5 – Semi-gloss</td> </tr> <tr> <td>Rest Rooms</td> <td>G5 – Semi-gloss</td> </tr> <tr> <td>Showers</td> <td>G5 – Semi-gloss</td> </tr> <tr> <td>Kitchens</td> <td>G5 – Semi-gloss</td> </tr> <tr> <td>Exposed ducts</td> <td>G1– Flat</td> </tr> <tr> <td>Exposed piping conduit and hangers</td> <td>G1– Flat</td> </tr> </tbody> </table> </li> <li>7. Limit selection to four paint colors</li> <li>8. Don’t paint over labels of manufactured equipment &amp; doors or fire rating label on plywood.</li> </ol>	<u>Location</u>	<u>Finish</u>	Public walls	G3 – Eggshell	Doors and frames	G5 – Semi-gloss	Rest Rooms	G5 – Semi-gloss	Showers	G5 – Semi-gloss	Kitchens	G5 – Semi-gloss	Exposed ducts	G1– Flat	Exposed piping conduit and hangers	G1– Flat
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09 96 23	GRAFFITI RESISTANT COATINGS	<ol style="list-style-type: none"> <li>1. Non-sacrificial coating anti-graffiti coating on exterior cementitious (not painted) walls and masonry.</li> <li>2. Integral water repellent.</li> <li>3. Min 10’-0” high treatment on grade level walls.</li> <li>4. Depending upon product used, provide min. (1) gallon of compatible graffiti remover.</li> <li>5. Preferred products: <ul style="list-style-type: none"> <li>Prosoco “Blok-Guard &amp; Graffiti Control II”</li> <li>Degussa “Protectosil”</li> <li>Frabrikem “Fabrishield PR-63”</li> <li>Prof. Products of Kansas “Prof. Water Sealant &amp; Anti-Graffitiant”</li> </ul> </li> <li>6. Pre-application meeting with manufacturer, owner and applicator before installation.</li> <li>7. Masonry wall applications shall be applied by masonry contractor, not a painter.</li> </ol>																

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### **NOTES:**

1. Use Type X Fire-resistant gypsum board panels at fire rated assemblies.
2. Check with RAD regarding their floor covering requirements on RAD projects.