09 00 00 - FINISHES

09 00 00 General Information

CCU is continuing its investigation into preferred floor surface materials. In general, selection of floor materials should consider the environmental impact of maintenance chemicals and long term maintenance costs. Careful review with Project Manager and maintenance staff for each project is encouraged. Below are general recommended floor finishes for use by area:

- **Lobbies:** Porcelain Tile, Terrazzo, Solid Vinyl Tile
- **Corridors:** Terrazzo, Solid Vinyl Tile, Resilient Sheet, Carpet Tiles, or Luxury Vinyl Tile.
- **Offices:** Carpet Tiles or broadloom carpet
- **Classrooms:** Solid Vinyl Tile, Carpet Tiles, Resilient Sheet, or Luxury Vinyl Tile.
- **Dormitory Rooms:** Resilient Sheet, Luxury Vinyl Tile or carpet.
- **Laboratories:** Resilient Sheet or Epoxy Resin Flooring.
- **Restrooms:** Porcelain Tile.
- **Janitor Closets:** Ceramic Tile with 1/4" solid surface (Corian) surround at mop sink walls or sealed concrete.
- **Kitchens:** Urethane or Epoxy Resin Flooring
- **Dining Areas:** Epoxy Resin Flooring

Specify that the contractor be responsible for initial cleaning and maintenance of the floor until final completion.

Architects and Engineers are responsible for proper selection of materials in each building system for specific projects; these standards do not relieve the designer from that responsibility.

Architects to be aware of cleaning materials utilized by the University and to specify finishes that are compatible with cleaning agents.

Consideration needs to be given to areas with flexible and multi-purpose furniture systems. Walls need to be protected from furniture being placed up directly against a wall.

It is the Universities desire that all ceiling systems be designed in a way to allow easy access to equipment above ceilings. All panelized ceiling systems must allow easy removal of panels for access. Provide adequate sized access panels in hard ceiling conditions.

09 29 16 Gypsum Board

Products:


Mold resistant, paperless gypsum board shall be used in bath, kitchen, and janitor locations.
As standard practice, office and classroom partitions should utilize a design incorporating sound attenuation batts. Proper STC wall ratings need to be discussed with the CCU Project Manager.

Architect must review Office of State Engineer standards regarding usage of high impact resistant gypsum board in State facilities.

**09 30 00 Porcelain Tile**

Locations:

As recommended at introduction to section.

Products:

Tile to be selected on a project specific basis.

Interior Installations, Recessed Concrete Subfloor:

- Tile Installation F112: Cement mortar bed (thickset) bonded to concrete.
- Tile Type: Unglazed porcelain tile.
- Thin-Set Mortar: Latex- portland cement mortar.
- Grout: Polymer-modified sanded grout. Epoxy Grout in wet areas.

Interior Floor Installations, Concrete Subfloor:

- Tile Installation F113: Thin-set mortar.
- Tile Type: Unglazed porcelain tile.
- Grout: Polymer-modified sanded grout. Epoxy Grout in wet areas.

Interior Wall Installations, Masonry or Concrete

- Tile Installation W202: Thin Set Mortar
- Tile Type: Unglazed porcelain tile.
- Grout: Polymer-modified sanded grout. Epoxy Grout in wet areas.

Shower Receptor and Wall Installations, Concrete or Masonry:

- Tile Installation B414 B415: Cement Backer Board or Fiber Cement Backer Board Walls
- Tile Type: Unglazed ceramic mosaic tile and porcelain tile.
- Bond Coat Mortar for Wet-Set Method: Latex- portland cement mortar.
- Grout: Polymer-modified sanded or un-sanded grout. Epoxy Grout in wet areas.

**09 51 13 Acoustical Panel Ceilings (have Bill Burgwald with Armstrong assisting on this)**

Standards:
IBC 1621.1, CISCA Seismic Zones 3 & 4.

CCU prohibits the use of thermal batts on the top of acoustical panel ceilings.

Architect should give consideration to maintenance staff having to handle large ceiling panels when accessing above ceiling equipment. It is the Universities desire to not have large panels. Proposed ceiling panels should be discussed with the CCU Project Manager.

It is the Architects responsibility to specify Acoustical Panel Ceiling systems that are appropriate for use of room installed.

Products:

Mineral Base (standard usage)

Armstrong “Ultima” #1941 2’x2’x7/8” tegular using Armstrong Prelude XL #7301 HD Grid with 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by Armstrong to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.

USG “Mars” High NRC #87200 2’x2’x7/8” tegular using Donn DX26 with associated 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by USG to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.

Ceramic Panels (wet, high humidity areas, not kitchens as a specific tile should be specified) The associated grid systems should receive aluminum capping.

Armstrong Ceramaguard #607 2x2x5/8” square lay-in using Prelude Plus XL HD Grid #HD 8201 with associated 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by Armstrong to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.

USG “Radar” Ceramic #56644 2’x2’x5/8” square lay-in using Donn DXLA 26 HD Grid with associated 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by USG to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.

Vinyl-covered Gypsum (for use in kitchens and food prep areas) The associated grid systems should receive aluminum capping.

Armstrong Kitchen Zone #673 2’x2’x5/8” square lay-in using Prelude Plus XL Fire Guard #HD 8201 with associated 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by Armstrong to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.

USG Sheetrock Brand #3260 2’x2’x5/8” square lay-in Donn DXLA 26 HD Grid with associated 7/8” wall molding detail. When required for seismic conditions refer to technical details provided by USG to utilize seismic clips to achieve continued use of 7/8” wall molding in lieu of standard 2” wall molding.
09 65 16 Resilient Sheet Flooring

Locations:

As recommended at introduction to section.
Consider use of rubber floors and linoleum (Marmoleum) where sheet goods are applicable.

09 65 20 Resilient Flooring - Solid Vinyl Tile

Locations:

As recommended at introduction to section.
Basis of Design: American Biltrite “Texas Granite” vinyl flooring
Nominal Thickness: 3.17 mm (1/8 inch)
Sizes: select from manufacturer’s standard sizes.
Colors: in lobbies select custom color to reflect CCU branded colors. At other locations it is encouraged to select CCU branded colors.
Installation: Use “Wet Set” method only.

09 68 13 Tile Carpeting

Locations:

As recommended at introduction to section.
Consider use of carpet tiles where carpeting is applicable. Manufacturer’s standard warranty must meet 95% relative humidity in slab.

09 91 00 Painting

CCU prefers the use of Sherwin Williams paint colors for simplicity when referencing colors for maintenance purposes. Specify Sherwin-Williams products where possible.

All interior paints should be equal to Promar 400 Zero VOC.

Custom Branding Colors:

Sherwin Williams CCU2012 Teal : B24T02654 - "Teal Formulation " Gallon
W1-46/32
G2- 6 Oz
L1- 2 Oz 26/32

BAC Colorant      0Z  32  64  128
W1 – White       - 11  1  -
G2 – New Green   - 48  -  -
L1 – Blue        - 22  1  -

W1- 7/32
B1- 22/32
R2-6/32
Y3-8 Oz 29/32

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1. Exterior Finishes
   a. Galvanized Substrates
      i. Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer Off White
      ii. Intermediate Coat: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss Extra White
      iii. Finish: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss Extra White

   b. Steel Substrates (Canopy, Pipes, Metal Fabrications)
      i. Primer: B69A00045 - Zinc Clad® 5 Organic Zinc-Rich Primer
      ii. Typically applied in shop- Only applied to blasted substrates
      iii. Intermediate Coat: B58W00610 - Macropoxy® 646 Fast Cure Epoxy
      iv. 2 Coats: B65W00611 - Acrolon® 218 HS Polyurethane – Gloss

   c. Steel / Metal (HPC Systems) 09960
      i. Primer: B69A00045 - Zinc Clad® 5 Organic Zinc-Rich Primer Gray Green
      ii. Typically applied during metal fabrication process, can only be applied to blasted
      iii. Intermediate Coat: B58W00610 - Macropoxy® 646 Fast Cure Epoxy
      iv. 2 Coats: B65W00611 - Acrolon® 218 HS Polyurethane

2. Interior Finishes
   a. Concrete Block (CMU)
      i. Primer: B25W00025 - PrepRite® Interior/Exterior Latex Block Filler White
      ii. Intermediate Coat: B20W04651 - ProMar® 400 Zero VOC Interior Latex Eg-Shel / Low Sheen
      iii. Finish: B20W04651 - ProMar® 400 Zero VOC Interior Latex Eg-Shel / Low Sheen

   b. Concrete Block (CMU) (Epoxy)
      i. Primer: B25W00025 - PrepRite® Interior/Exterior Latex Block Filler White
      ii. Intermediate Coat: B70W00211 - Water based Catalyzed Epoxy
iii. Single Component Epoxy Option (K46 Series)
iv. Finish: B70W00211 - Water based Catalyzed Epoxy
v. Single Component Option Epoxy Finish (K46 Series)

c. Gypsum
i. Primer: B28WHB120 - Master-Prep Interior High Build Acrylic Latex Primer
ii. Intermediate Coat: B20W04651 - ProMar® 400 Zero VOC Interior Latex Eg-Shel / Low Sheen
iii. Finish: B20W04651 - ProMar® 400 Zero VOC Interior Latex Eg-Shel / Low Sheen

d. Gypsum (To Receive Epoxy)
i. Primer: B28W08150 - Drywall Primer
ii. Intermediate Coat: B70W00211 - Water based Catalyzed Epoxy
iii. Single Component Epoxy Option (K45 Series)
iv. Finish: B70W00211 - Water based Catalyzed Epoxy
v. Single Component Option (K45 Series)

e. Steel Substrates
i. Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer Off White
ii. Address all rust concerns prior to field application of water based primers
iii. Intermediate Coat: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss
iv. Semi-Gloss Option- Pro Industrial DTM Acrylic Semi-Gloss (B66 Series)
v. Finish: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss
vi. Semi-Gloss Option- Pro Industrial DTM Acrylic Semi-Gloss (B66 Series)

f. Galvanized Metal Decking (Joists)
i. Spot Prime: B50NZ0006 - Kem Kromik® Universal Metal Primer
ii. Spot Primer to be used on Steel metal Joists only
iii. 2 Coats: B42W00082 - Pro Industrial Waterborne Acrylic Dryfall Eg-Shel

g. Galvanized (Other Than Metal Decking)
i. Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer
ii. Intermediate Coat: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss
iii. Semi-Gloss Option- Pro Industrial DTM Acrylic Semi-Gloss (B66 Series)
iv. Finish: B66W00501 - Pro Industrial Multi-Surface Acrylic Gloss
v. Semi-Gloss Option- Pro Industrial DTM Acrylic Semi-Gloss (B66 Series)

h. (HPC Systems) 09960
i. Primer: B51W00020 - PrepRite® ProBlock® Int/Ext Latex Primer/Sealer
ii. Primer dependent upon substrate
iii. 2 Coats: B70W00211 - Water based Catalyzed Epoxy Two Component
i. NEW (PAINT SHIELD EGGSHELL) option
Coastal Carolina University Design Guidelines

- Finishes

i. PAINT SHIELD Info: D12W00051 - Paint Shield Interior Latex Microbicidal Paint - EgShel Extra White

ii. Upgrade options