



SECTION 09655

CORK FLOORING

PART 2 GENERAL

2.1 SECTION INCLUDES

- A. Cork tile flooring, as indicated

2.2 RELATED SECTIONS

- A. Section 03300 - Cast-In-Place Concrete: Substrate preparation and curing.
- B. Section 06110 - Wood Framing: Subflooring installation and substrate preparation.

2.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's instructions on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit plan and section drawings as necessary to depict applicable installation procedures and floor system configurations.
- D. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
- E. LEED Submittals: Provide documentation of how the requirements of LEED Credit will be met:
 - 1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
 - 2. Credits MR 4.1 and 4.2: Certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.
 - 3. Credit MR 5: Certification letter documenting that the Project location is within 500 miles (804 km) of material manufacturing location.
 - 4. Credit MR 6: Certification letter documenting the renewal duration of the material specified.

2.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of eight (8) years experience.

- B. Installer Qualifications: All products listed in this section are to be installed by a single installer who has installed a minimum of 2 cork flooring projects in the last five (5) years or who has demonstrated experience in installing products of the same type of glue-down tiles and scope as specified.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

2.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until five days before installation.
- B. Open packages and remove cork tiles 5 days before installation to allow cork tiles to acclimate. Open the packages by cutting down the outside corners of the cartons instead of pulling the tiles out of the boxes. The site must be climate controlled during the acclimation period.

2.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Indoor temperature should be between 65 – 80F and humidity level should be between 40 -65% humidity. Do not install products under environmental conditions outside manufacturer's absolute limits.

2.7 WARRANTY

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

2.8 EXTRA MATERIALS

- A. At project closeout, provide to the Owner ___ square feet (__sm) of flooring for color matching and repair purposes.

PART 3 PRODUCTS

3.1 MANUFACTURERS

- A. Acceptable Manufacturer: Globus Cork, which is located at: 741 E. 136th St. ; Bronx, NY 10454; Tel: 718-742-7264 ; Email: [request info \(info@corkfloor.com\)](mailto:info@corkfloor.com); Web: www.corkfloor.com
- B. Substitutions: Not permitted.

3.2 CORK TILE FLOORING

A. General:

1. Face Dimensions: As specified in the Contract Drawings.
2. Visual Surface Texture: As selected by Architect
3. Thickness: 3/16 inch (4mm).
4. Edges: Micro bevel surface edge.
5. Pre-applied finish : Water-based finish. Sheen: Matte
6. Color: Water-based color stain if selected
7. Pre-applied Adhesive: Water-based contact adhesive
8. Density: ~ 450kg/m³

B. Color Selection:

1. Color: As selected by Architect from manufacturer's full range of standard available color options.
2. Color: As indicated on the Drawings
3. Color: Alabaster.
4. Color: Amber Pine.
5. Color: Amethyst.
6. Color: Bleached.
7. Color: Brick Red.
8. Color: Brown Mahogany.
9. Color: Burnt Orange.
10. Color: Cement Gray.
11. Color: Cherry.
12. Color: Chocolate.
13. Color: Dusty Lilac.
14. Color: Ebony.
15. Color: Espresso.
16. Color: Forest Green.
17. Color: Golden Oak.
18. Color: Lemon.
19. Color: Maple.
20. Color: Marigold.
21. Color: Mink.
22. Color: Natural.
23. Color: Ocean Blue.
24. Color: Ocean Fog.
25. Color: Olivewood.
26. Color: Oro Cotta.
27. Color: Pisello.
28. Color: Red Mahogany.
29. Color: Royal Blue.
30. Color: Sable.
31. Color: Sage.
32. Color: Scarlet.
33. Color: Scotchwood.
34. Color: Slate Gray.
35. Color: Snow.
36. Color: Spring Green.
37. Color: Tangerine.
38. Color: Terra Cotta.
39. Color: Walnut.
40. Color: Whitewashed.

- C. Cork Tile Sizes:
1. Face Dimensions: As specified in the Contract Drawings.
 2. Face Dimensions: 6 inches (152mm) square.
 3. Face Dimensions: 6 inches by 9 inches (152mm x 229mm).
 4. Face Dimensions: 6 inches by 12 inches (152mm x 605mm).
 5. Face Dimensions: 6 inches by 18 inches (152mm x 457mm).
 6. Face Dimensions: 6 inches by 24 inches (152mm x 610mm).
 7. Face Dimensions: 6 inches by 36 inches (152mm x 914mm).
 8. Face Dimensions: 9 inches (229mm) square.
 9. Face Dimensions: 9 inches by 12 inches (229mm x 605mm).
 10. Face Dimensions: 9 inches by 18 inches (229mm x 457mm).
 11. Face Dimensions: 9 inches by 24 inches (229mm x 610mm).
 12. Face Dimensions: 9 inches by 36 inches (229mm x 914mm).
 13. Face Dimensions: 12 inches (305mm) square.
 14. Face Dimensions: 12 inches by 18 inches (305mm x 457mm).
 15. Face Dimensions: 12 inches by 24 inches (305mm x 610mm).
 16. Face Dimensions: 12 inches by 36 inches (305mm x 914mm).
 17. Face Dimensions: 18 inches (457mm) square.
 18. Face Dimensions: 18 inches by 24 inches (457mm x 610mm).
 19. Face Dimensions: 18 inches by 36 inches (457mm x 914mm).
 20. Face Dimensions: 24 inches (610mm) square.
 21. Face Dimensions: As specified by Architect

3.3 PATTERN AND FINISH

- A. Cork Tile Pattern: Pattern 1 as manufactured by Globus Cork.
1. Primary Tile Size: As selected by Architect.
 2. Substitute /Secondary Tile Size: As selected by Architect.
 3. Cork Tile Layout: As specified by Architect
 4. Cork Tile Layout: As indicated on the Drawings
 5. Cork Tile Layout: Pattern as manufactured by Globus Cork

PART 4 EXECUTION

4.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

4.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation. Remove any coatings from the subfloor surface that would prevent adhesive bond, including curing compounds, paint, oils, waxes and sealers.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions. Plywood or cement substrates must be patched with a cementitious flashing or self-leveling polymer-modified portland cement to fill, smooth or level subfloor imperfections.
- C. Unpack cork in the room in which the product will be installed 3-4 days prior to installation to allow the natural material to acclimate.

- D. Maintain a temperature between 65 and 80 F. Relative humidity should be maintained between 40 and 65 percent for 24 hours before, during and 24 hours after the installation.

4.3 INSTALLATION - CORK TILES

- A. Install in accordance with manufacturer's instructions. Install cork tile flooring after all other wet work and finishing operations, including painting, have been completed.
- B. Review and shuffle tiles before beginning the installation.
- C. Adhere cork tile using a latex, water-based contact adhesive formulated especially for cork tiles. Tiles are pre-glued from the factory and the matching adhesive must be evenly applied to the subfloor during installation. Adhesive to be applied to subfloor with a roller, not a trowel. Ensure that the adhesive has dried to a tacky state before sticking down cork tiles. Tiles must be hit with a rubber mallet after installation to ensure positive contact. Do not use a 100# roller.
- D. Vacuum clean and remove dust before applying the final sealer coat of finish supplied by the manufacturer.
- E. Tiles have 3 factory applied coats of finish. Final coat with a water-based varnish formulated especially for cork sold by the manufacturer. Apply a final commercial-grade finish coat after tile installation with a roller or paint pad.
- F. Do not permit traffic on floors during final finish application. Wait 12 hours before allowing foot traffic on the floors. Protect the newly finished cork floor with hardboard or undyed, untreated building paper. Do not apply any tape to the floor such as blue tape while the floor continues to cure for 8 days.

4.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.
- C. Clean the floor only after 8 days from installation date. Use a damp mop and a mild Ph-balanced soap cleaner.

END OF SECTION