



HEIRLOOM RESILIENT CORK FLOORING

3-PART SPECIFICATION

TECHNICAL SUPPORT 800.345,6202

Part 1 - General

1.01 Definitions

- A. This specification refers to Heirloom Cork Flooring
- B. Installer is defined as competent experienced personnel assigned to install the flooring material.

1.02 Installer Experience Level

- A. Installer shall be experienced and competent in the installation of resilient tile flooring materials. Installer shall install tile as per instructions provided by Heirloom Resilient Flooring.

1.03 Description of Work

- A. Prepare sub-floor per manufacturers' instructions in areas specified to receive Heirloom Resilient Flooring.
- B. Install flooring material using manufacturers' recommended installation products in accordance with manufacturers' instructions.
- C. Finish, clean and protect floor per manufacturers' recommendations.

1.04 Delivery, Storage and Handling

- A. All flooring materials are to be delivered to the job site 72 hours prior to installation.

Part 2 - Products

2.01 General

- A. Product recommendations, installation and maintenance instructions are based upon Expanko Resilient Flooring documentation.
- B. Contact Expanko Resilient Flooring for detailed instructions on sub-floor preparation, installation and maintenance (*Document ID: 510 & 511*).

2.02 Approved Manufacturers

- A. Expanko Resilient Flooring, 180 Gordon Drive, Suite 113, Exton, PA 19341. P: 800.345.6202. www.expanko.com

2.03 Submittals

- A. Submit product data, samples and installation and maintenance recommendations for each item specified.
- B. Submit two samples to illustrate product shade, design and finish. Samples shall be used as a standard for material to be installed.

2.04 Warranties

- A. Manufacturer shall provide a residential or commercial warranty against manufacturing defects.

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2.05 Materials

- A. Cork flooring shall meet the following specifications.
 - 1. Cork flooring shall be made of 100% granulated cork. Tile shade shall be consistent throughout the entire thickness of the tile for massive tiles.
 - 2. Style: *Specify name/number as listed on manufacturers' sample*
 - 3. Physical Properties:
 - a. Dimensions: *Specify tile dimension and thickness in inches*
 - 1. Standard dimensions: 12" X 12" and 24" X 24" in 1/2" thickness.
 - 2. Custom dimensions: *Specify exact dimensions in inches.*
 - b. Finishes: *Specify water-based matte polyurethane or unfinished.*
 - c. Slip resistance: Material shall exceed all ADA requirements:
Coefficient .98 - ASTM D2047-93
 - d. Thermal Properties: Thermal Conductivity of .065 W/m²•K.
 - e. Density: ≥35 lbs/ft³
 - f. Material shall meet Federal specification LLL-T-43 lb, Type 1 & 2.
 - g. Fire Test: ASTM E648-94a: Class 1
 - h. Acoustical STC Rating of 54 dB
 - i. Acoustical IIC Rating of 58 dB
- 2. Cork tile will carry a 15-year Commercial/Residential limited warranty against manufacture defect. Document #504

PART 3 - EXECUTION

3.01 Sub-floor preparation

- A. Prepare concrete or plywood sub-floor according to manufacturers' recommendations
- B. Conduct calcium chloride moisture tests to ensure that moisture emission levels are less than 3 lbs/1000ft²/24 hours and F 2170 Test Method for Determining Relative Humidity in Concrete Floor Slabs Using In Situ Probes.
- C. On concrete sub-floors, apply a water-based primer/sealer as recommended by manufacturer.
- D. Provide detailed sub-floor preparation guidelines to those responsible for sub-floor preparation (*Document ID: 510 Pre-Installation Guidelines*).

3.02 Application

- A. Floor tile installation shall commence when all other trades have completed work.
- B. Conditions on site for acclimation and installation shall be maintained for 72 hours prior, during and 72 hours after installation between 65°F and 75°F with relative humidity between 45% and 75%.
- C. Compare tile with submitted samples to ensure installation of the correct materials.
- D. Inspect material as it is installed for manufacturing defects.
- E. Maintain sub-floor temperature for 72 hours prior to, during and after installation between 65°F and 75°F.
- F. Install Heirloom Cork flooring material according to manufacturers' instructions.
- G. Tile pattern: (*specify*).

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- H. Install material using only those adhesives, sealers and floor preparation materials recommended by the manufacturer.
- I. Floor covering shall be rolled with a 3-section 100 lb. roller 3 times after installation.
- J. Provide detailed manufacturers' installation instructions to floor installer (*Document ID: 110 Cork Installation*).

3.03 Curing, Cleaning and Protection

- A. After installation, the cork floor tiles shall require a minimum of 48 hours to set. Do not sand, finish or clean floor during this period. After 48 hours, the floor should be cleaned with a well wrung-out damp mop and a mild detergent such as Ivory liquid. Do not clean unfinished tiles with any liquid before finish application.
- B. On Factory Poly Matte Finished floors, screen and apply a minimum on 2 coats of additional finish as recommended by the manufacturer.
- C. On unfinished tiles apply three one coat of water-based matte polyurethane as recommended by the manufacturer.
- D. Only foot traffic should be permitted on the floor for 24 hours after installation. Do not use rolling carts, ladders or any other object on the floor that can cause damage.
- E. Protect the floor against scratching and gouging with material suited to the type of traffic it shall be submitted to during the completion of construction/renovation.
- F. After completion of construction, the floor shall be cleaned according to manufacturers' instructions.
- G. Provide manufacturers' detailed post-installation maintenance instructions to those responsible for post-installation maintenance (*Document ID: 511 Care & Maintenance*).

For more information about Expanko Resilient Flooring visit: www.expanko.com or call 800.345.6202.