



TRADITIONAL CORK FLOORING

3 PART SPECIFICATION

TECHNICAL SUPPORT 800.345,6202

Part 1 - General

1.01 Definitions

- A. This specification refers to Expanko 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 Expanko, Inc.

1.03 Description of Work

- A. Prepare sub-floor per manufacturers' instructions in areas specified to receive Expanko Cork 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 and installation and maintenance instructions are based upon Expanko Cork flooring.
- B. Contact Expanko Cork Co. Inc. for detailed instructions on sub-floor preparation, installation and maintenance (*Document ID: 110S and 110*).

2.02 Approved Manufacturers

- A. Expanko Cork Co. Inc. 1129 W. Lincoln Highway, Coatesville, PA 19320. 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.

TRADITIONAL CORK FLOORING

3 PART SPECIFICATION

2.05 Materials

- A. Cork flooring shall meet the following specifications.
1. Expanko Cork flooring shall be made of 100% granulated cork. Tile shade shall be consistent throughout the entire thickness of the tile for massive tiles. Veneer tiles shall consist of a high density cork backing greater than 35 lbs/ft³ with a heat laminated cork veneer.
 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 3/16" and 5/16" thickness (24" X 24" and 5/16" thickness not available in all patterns).
 2. Custom dimensions: *Specify exact dimensions in inches.*
 - b. Finishes: *Specify water-based matte polyurethane, natural carnauba wax 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: Class 1 - ASTM E648-94a
 2. Cork floor tile may be coated on the back side with a balancing material to prevent tile curling.
 3. Cork tile will carry a 10 year Commercial/Residential limited warranty against manufacture defect. Document #134

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.
- 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: 110S*).

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.

TRADITIONAL CORK FLOORING

3 PART SPECIFICATION

- E. Maintain sub-floor temperature for 72 hours prior to, during and after installation between 65°F and 75°F.
- F. Install Expanko Cork flooring material according to manufacturers' instructions.
- G. Tile pattern: (*specify*).
- 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*).

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 wax finished tiles, apply and buff an additional coat of paste wax after installation.
- D. On unfinished tiles apply either three coats of paste wax or three one coat of water-based matte polyurethane as recommended by the manufacturer.
- E. 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.
- F. 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.
- G. After completion of construction, the floor shall be cleaned according to manufacturers' instructions.
- H. Provide manufacturers' detailed post-installation maintenance instructions to those responsible for post-installation maintenance (*Document ID: 111*).

For more information about Expanko visit our website at www.expanko.com or contact Expanko 800.345.6202.