



3-PART SPECIFICATION

TECHNICAL SUPPORT 800.345.6202

Part 1 - General

1.01 Definitions

- A. This specification refers to XCR4 cork rubber flooring
- B. Installer is defined as competent experienced personnel assigned to install the flooring material.
- C. Profile refers to the surface of the flooring material.
- D. Material wear through is defined as complete wear through from top to bottom of the floor covering material under normal use conditions.

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 Resilient Flooring.

1.03 Description of Work

- A. Prepare sub-floor per manufacturers' instructions in areas specified to receive XCR4 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 and are to be stored where they are to be installed. A temperature level of 65° - 75° F and relative humidity level of 45° - 65° must be maintained 72 hours prior to, during and 72 hours after installation.

Part 2 - Products

2.01 General

- A. Product recommendations, installation and maintenance instructions are based upon Expanko Resilient Flooring documentation.

2.02 Approved Manufacturers

- A. Expanko Resilient Flooring, 180 Gordon Drive, Suite 107, 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.
- C. Samples shall be used as a standard for material to be installed.

2.04 Warranties

- A. Manufacturer shall provide a one (1) year warranty against manufacturing defects and a ten (10) year warranty against material wear through.

2.05 Materials

- A. Cork rubber flooring shall meet the following specifications.
 - 1. Flooring shall be made of 60% cork and 40% rubber. Material shall be colored throughout the tile with fade resistant pigments.
 - 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: Tile: 24" x 24" x 1/8"(nom.) (602 mm x 602 mm x 2.5 mm)
 - 2. Custom dimensions: *Specify exact dimensions in inches.*
 - b. Profiles: Specify tile profile as indicated on manufacturers sample. 1. Smooth Profile: Smooth lightly textured surface.
 - c. Fire resistance - Material shall be rated class I (ASTM E648).
 - d. Tensile Strength – material shall have a tensile strength higher than 700 psi.
 - e. The material shall be halogen free.

Part 3 - Execution

3.01 Sub-floor preparation

- A. Prepare sub-floor according to manufacturers recommendations.
- B. Conduct calcium chloride moisture tests according to manufacturers recommendations.
- C. Sub-floor moisture emissions level shall be less than 3lbs./1000ft 2/24hrs.
- D. Provide detailed sub-floor preparation to guidelines to those responsible for sub-floor preparation.

3.02 Application

- A. Provide detailed manufacturers' installation instructions to floor installer.
- B. Maintain sub-floor temperature for 72 hours prior, during and 72 hours after installation between 65°F and 75°F.
- C. Conditions in area of installation must be maintained for 72 hours prior, during and 72hours after installation between 65°F and 75°F with relative humidity between 45% and 75%.
- D. Install XCR4 flooring material according to manufacturers' Instructions.

- E. Install sheets in an ashlar or staggered joint pattern. Tile shall be laid in pattern specified.
- F. Install material using only those adhesives, sealers and floor preparation materials recommended by the manufacturer.
- G. Floor covering shall be rolled with a 3-section 80 lb. roller 3 times after installation.

3.03 Curing, Cleaning and Protection

- A. After installation, the floor will require a minimum of 72 hours to set. Do not finish or clean floor during this period. After 72 hours, the floor shall be maintained according to manufactures post installation maintenance instructions. If required, floor is to be sealed with the manufactures recommended floor sealer.
- B. Only light foot traffic is permitted on floor for 72 hours after installation. Do not use rolling carts, ladders or any other object on the floor that can cause damage.
- C. Protect the floor against scratching and gouging with material (reinforced paper, Masonite etc.) suited to the type of traffic it will be submitted to during the completion of construction.
- D. After completion of construction, the floor shall be cleaned according to manufacturers' post installation maintenance instructions.
- E. Provide manufacturers detailed post installation maintenance instructions to those responsible for post installation maintenance.

For more information visit www.expanko.com or call 800-345-6202.