



## 3-PART SPECIFICATION

### TECHNICAL SUPPORT 800.345.6202

#### Part 1 - General

##### 1.01 Definitions

- A. This specification refers to Vallarex cork floating 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 Resilient Flooring.

##### 1.03 Description of Work

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

##### 1.04 Delivery, Storage and Handling

- A. All flooring materials are to be delivered to the job site 48 hours prior to installation and are to be stored where they are to be installed. Material shall arrive to job site a minimum of 96 hours when relative humidity is above 65% or below 45%.

#### 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 approximately 6"x 6" 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 ten (10) year warranty against manufacturing defects.

#### 2.05 Materials

Vallarex Cork Floating Floor shall meet the following specifications.

1. Vallarex Cork Floating Floor shall be made of 100% cork and HDF (High Density Fiber Board). Thickness of the cork surface shall be 1/8" with a density greater than 33 lbs/ft<sup>3</sup>. MDF core shall have a thickness of 1/4" and density greater than 47 lbs/ft<sup>3</sup>. Acoustical cork backing shall have a thickness of 1/16" and a density greater than 25 lbs/ft<sup>3</sup>. Overall thickness of floating floor planks shall be 7/16" (nominal).
2. Tongue and groove shall be machined into planks to tolerances, which ensure tight and level seaming of the floor when installed per specification.
3. Style: *Specify name as listed on manufacturers sample*
4. Physical Properties:
  - a. Dimensions: *Specify tile dimension and thickness in inches*
    1. Standard dimensions: 12" x 36" X 7/16" (nom.)
  - b. Finish: *Water-based Matte Polyurethane. Three Coats*
5. Planks shall be packaged face to face in shipping and storage cartons.

### 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 within acceptable levels.
- C. On concrete sub-floors, if moisture level warrants, apply a sealer that shall achieve the moisture control as specified by manufacturer.
- D. Provide detailed sub-floor preparation guidelines to those responsible for sub-floor preparation (*Document ID :010 Pre Installation Guidelines*).

#### 3.02 Application

- A. Provide detailed manufacturers' installation instructions to floor installer.
- B. Floating Floor installation shall commence when all other trades have completed work.
- C. 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 65%.
- D. Compare Floating Floor with submitted approved samples to ensure installation of the correct materials.
- E. Inspect material, as it is installed for manufacturing defects.

- F. Maintain sub-floor temperature for 72 hours prior, during and 72 hours after installation between 65°F and 75°F.
- G. Install Vallarex Cork Floating Floor material according to manufacturers' instructions.
- H. Tile pattern: Vallarex floating floor shall be installed in an ashlar (staggered joint) pattern.
- I. Install material using only those sealers and floor preparation materials recommended by the manufacturer.
- J. After floor installation is complete, install floor transitions and base according to instructions.

### 3.03 Curing, Cleaning and Protection

- A. After installation, the flooring shall require a minimum of 12 hours for final acclimation. Do not finish or clean floor during this period. After 12 hours, the floor should be cleaned with a well wrung-out damp mop and an approved general cleaner according to Expanko's detailed maintenance instructions.
- B. Expanko recommends the application of one or two additional coats of the Expanko approved water-based matte polyurethane to seal floor joints. This should be done 72 hours after installation. Use only those products and processes approved by Expanko.
- C. Only foot traffic shall be permitted on floor for 12 hours after installation. Do not use rolling carts, ladders or any other object on the floor that can cause damage.
- D. 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.
- E. After completion of construction, the floor shall be cleaned according to manufacturers' instruction.
- F. Provide manufacturers detailed post-installation maintenance instructions to those responsible for post-installation maintenance.

For more information visit [www.expanko.com](http://www.expanko.com) or call 800-345-6202.