



## MEDITERRA CORK FLOOR TILE SPECIFICATIONS

### RESILIENT TILE FLOORING

#### 1. PRODUCT

Mediterra cork floor tile

#### 1.2. Product Description

##### 1.2.1. Construction

1.2.1.1. Mediterra cork floor tiles are available in homogeneous and veneer construction. Standard thicknesses are 3/16" and 5/16" and standard tile sizes are 12" x 12" and 24" x 24". Custom sizes and thicknesses are available. Mediterra is finished with three coats of factory applied water-based matte polyurethane. Unfinished tiles are available on special order. Unfinished tiles must be finished on the jobsite.

1.2.1.2. The use of chair pads in work stations and other areas with casters are required. Mediterra tiles are not warranted against cuts, gouges, dents from high heels or spikes, lack of protection under casters, improper furniture footings or improper cleaning procedures.

##### 1.2.1.3. Carton sizes are:

- 12" x 12" x 3/16" = 36 sq ft per carton
- 12" x 12" x 5/16" = 22 sq ft per carton
- 24" x 24" x 3/16" = 72 sq ft per carton
- 24" x 24" x 5/16" = 44 sq ft per carton

1.2.1.4. Cork is a natural product with shade variations an inherent quality. It is the installers' responsibility to blend shades by pulling tiles from more than one box at a time. Installed tiles are deemed acceptance of shades.

#### 2. TECHNICAL DATA

		<b>Results</b>
Coefficient of Friction	D-2047	Dry .81 / Wet .78
Static Load	F-970 – (250 lbs)	.004"
Short-Term and Residual Indentation	F1914 –(140 lbs) Initial Indentation	0.019" (9.9% loss)
	After 60 minutes Residual Indentation	0.006" (3.1% loss)
Optical Smoke Density	E- 662 - Flaming	< 450 passes
	Non-Flaming	< 450 passes
Critical Radiant Flux	E- 648	Class 2
Thermal Conductivity	C-518 - Thermal Conductivity - K Value	.1903
	Thermal Resistance - R Value	1.01
Chemical Resistance	F – 925 (See Below) – 24 hours	No Change
IIC	E-989	56
STC	E-413	53
NRC	C-423	.04

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TOLERANCES		
Length & Width		+/- .17%
Thickness		Less than 0.25mm
Cork Density		32 lb / ft <sup>3</sup>

## Chemical Resistance: 24 hours

5% Ammonia – No Change	5% Phenol – No Change
Bleach – No Change	Gasoline – No Change
5% Acetic Acid – No change	Sulfuric Acid – No Change
70% Isopropyl Alcohol – No Change	Kerosene – No Change
Mineral Oil – No Change	Olive Oil – No Change
5% Hydrochloric Acid – No Change	5% Sodium Hydroxide – No Change

3. **ADHESIVE** Only approved adhesive can be used when installing Mediterra cork. The approved adhesive for Mediterra is Wakol water-based contact adhesive.

## 4. INSTALLATION

### 4.1. Substrate preparation

- 4.1.1. All substrates shall be cleaned, dry, smooth, level and structurally sound. Substrate shall be free of dust, solvent, paint, wax, oil, grease, sealers, old adhesives or other materials according to ASTM 710. Before installing any materials make sure that the area is completely dry and level 3/16" in 10 feet; do calcium chloride test and check for pH level. Moisture shall not exceed 3 lbs/ 1000 sq ft; pH level shall be 7-10.
- 4.1.2. Concrete floors must be leveled and patched (use only Portland based patching compounds). If floor is new, be sure it is completely dry (several months curing is preferred). Sweep area clean. Slab shall adhere to ASTM F1869 for water vapor emissions. Cracks, expansion joints and uneven area shall be filled.
- 4.1.3. Wood substrates must have a minimum 18" of cross ventilated space between the bottom of the joist and the ground. Crawl spaces shall be insulated and protected by a vapor barrier. If needed, floor may be covered with 1/4" or thicker A.P.A. approved underlayment plywood.
- 4.1.4. No substrates other than those listed and described in 4.1.2 and 4.1.3 are acceptable.
- 4.1.5. It is the responsibility of the installer to always test for proper adhesion prior to proceeding with the installation.

### 4.2. Jobsite Conditions and Material Acclimation

- 4.2.1. All trades must be out of the area before installation begins. After installation is complete and if other trades will work in the area, appropriate protective cover shall be placed on the floor prior to any work.
- 4.2.2. Area where flooring is to be installed shall be temperature controlled between 65° and 75° F for 72 hours prior to, during and after installation. Mediterra and adhesive must be placed in the area where it will be installed 72 hours before starting installation.

### 4.3. Installation of Mediterra

- 4.3.1. Mediterra shall be cut with a sharp utility knife; use a straight edge. Mediterra shall NOT be dry laid. Tiles must remain in their boxes until time of installation.
- 4.3.2. Mediterra must be installed with water-based contact adhesive. Follow installation instructions MT205C.
- 4.3.3. Environmental conditions (i.e. temperature, humidity, direct sunlight) will affect drying time of adhesive.
- 4.3.4. Place tiles in adhesive according to directions.
- 4.3.5. Roll the floor according to installation directions with a 100 lb roller. Roll the floor in two directions. Hand roll all areas which cannot be reached with the large roller.
- 4.3.6. Adhesive on tiles or seams must be removed when adhesive is still wet. Removal of dry adhesive might cause damage to the tile.
- 4.3.7. Light foot traffic is allowed on the floor upon completion. No cleaning, finishing or placement of furniture should occur for 24 hours.

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### 5. MAINTENANCE

5.1. The initial cleaning of a new floor is very important. This cleaning is done to remove any dirt and grit from job site conditions.

6. Thoroughly sweep or vacuum flooring to remove all loose dirt and grit. Clean the floor with a neutral floor cleaner. Allow the floor to dry.

7. **REGULAR MAINTENANCE PROGRAM** A regular maintenance program is extremely important and will increase the life of the floor and finish. The frequency of cleaning will depend on the amount of and kind of traffic on the floor. Sweep or vacuum the floor to remove dirt and grit. Spot clean the floor when necessary. Clean the floor with a neutral floor cleaner.

8. **WARRANTY** Mediterra is warranted for five (5) years for material or manufacture defects. MT207 Mediterra Warranty is available.

### 9. TECHNICAL SERVICES

9.1. Submittals: Submittal samples (6" x 6") for verification and approval of product are available by contacting customer service. Acceptance shall constitute the standard materials which represent the materials to be installed on the project.



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