



ECO-CLICKS GLUELESS FLOATING FLOOR SPECIFICATIONS

RESILIENT TILE FLOORING

1. PRODUCT

Eco-Clicks glueless cork floating floor

1.1. Product Description

1.1.1. Construction

1.1.1.1. Eco-Clicks, glueless cork floating floor, is constructed of cork applied to a high quality HDF board and cork underlayment on a 1/2" (nom) x 12" x 36" plank.

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

1.1.2. Physical Characteristics

1.1.2.1. Plank size: 12" x 36" x 1/2" (nom)

1.1.2.2. Carton size: 10 planks per carton (30 sq ft)

2. TECHNICAL DATA

		Results
Coefficient of Friction	D-2047	Dry .82 / Wet .76
Static Load	F-970 – (250 lbs)	.006"
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	.5685
	Thermal Resistance - R Value	.78
Chemical Resistance	F – 925 (See Below) – 24 hours	No Change
IIC	E-989	59
STC	E-413	53
NRC	C-423	.05
TOLERANCES		
Length & Width		+/- .17%
Thickness		Less than 0.25mm
Density Cork top layer		32 lb / ft ³
Density HDF		47 lb / ft ³
Density Underlayment		19 lb / ft ³

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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. INSTALLATION

3.1. Substrate preparation

- 3.1.1. 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.
- 3.1.2. Concrete floors must be leveled and patched (use only Portland based patching compounds). If the 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.
- 3.1.3. 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, the floor may be covered with 1/4" or thicker A.P.A. approved underlayment plywood.

3.2. Jobsite Conditions and Material Acclimation

- 3.2.1. All trades must be out of the area before installation begins. After installation is complete, if other trades will work in the area, appropriate protective cover shall be placed on the floor prior to any work.
- 3.2.2. 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. Eco-Clicks must be placed in the area where it will be installed 72 hours before starting installation.

3.3. Installation of Eco-Clicks

- 3.3.1. If installing over concrete a vapor barrier is required. Cover the floor with a minimum 6-mil thick polyethylene sheeting. Overlap sheets 6" – 8" and tape sheets together using a waterproof tape. Run the sheets up the walls 4" – 6".
- 3.3.2. Eco-Clicks must be installed with a 1/2" (thickness of the plank) expansion space at all walls and against any stationary objects. Remove all existing molding and undercut all door jams.
- 3.3.3. An expansion joint must be installed in every doorway.
- 3.3.4. Begin the installation with the wall that will be most visible when the floor is complete. Once this is selected align the first plank with the wall and use a 1/2" spacer at the wall when laying the first plank. Lay the first plank with the tongue side facing the wall.
- 3.3.5. Install the second plank, paying close attention that it is in line with the first. Continue in this manner until the end of the wall is reached. Cut the last plank to fit. REMEMBER to leave a 1/2" expansion joint by the wall. If you have 10" or more left over from the plank that was cut to fit, use this to start the second row. If the plank is less than 10", do not use it. Cut a full plank in half and use this to start the second row.
- 3.3.6. Use a tapping block and hammer to tighten planks together. DO NOT use a hammer on the planks directly or this will damage the planks. Use multiple taps; do not knock the joint in place with one hit. For short sides use small taps; for long sides start at the corner and gradually move along the long side until the whole side has snapped into place.
- 3.3.7. All plank ends must be a minimum of 10" long. When starting the next row of planks insert the tongue into the groove and continue to install the second row.
- 3.3.8. For the last row of the room cut the planks lengthwise to complete the last row. The width of the last row must be 3" or greater. It is helpful when installing the last row to use a pull bar.
- 3.3.9. Remove all spacers and install base, reducers, etc. When installing molding attach to the walls only, not to the floor.
- 3.3.10. Transition moldings that may be used with Eco-Clicks include: T-molding for doorways, carpet transitions, end moldings and hard surface reducers.

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4. MAINTENANCE

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

4.2. INITIAL CLEANING SHALL NOT TAKE PLACE UNTIL 12 HOURS AFTER INSTALLATION.

5. 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.

6. **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 and type 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 the neutral cleaner. E C306 Eco-Clicks Cleaning Instructions are available at grand-entrance.com or by calling 888.424.6287.

7. **WARRANTY** Eco-Clicks is warranted for five (5) years for material or manufacture defects.

8. TECHNICAL SERVICES

8.1. 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.



GRANDENTRANCE

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