



COR-TERRA RUBBER/CORK TILE SPECIFICATIONS

RESILIENT TILE FLOORING

1. PRODUCT

Cor-Terra rubber/cork floor tile, made in the USA.

1.1. Product Description

1.1.1. Construction

1.1.1.1. Cor-Terra is a homogeneous construction of 91% SBR rubber and 9% post-industrial waste cork, pigments and additives. Cor-Terra meets the ASTM F 1344 requirements for rubber flooring. Cor-Terra is available in 25 standard colors, with custom colors and sizes also available.

1.1.1.2. Cor-Terra tiles are designed for use in interior spaces only. In areas with excessive exposure to sunlight, fading may occur. Cor-Terra is not suitable for commercial kitchens where animal fats and vegetable oils are present. In areas where chemicals will be present, testing must be done prior to installation.

1.1.1.3. The use of chair pads in work stations and other areas with casters are required. Cor-Terra rubber floor 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.

1.1.2. Physical Characteristics

1.1.2.1. Tile size: 18" x 18" x 1/8" (nom); 458mm x 458mm x 2.5 mm.

1.1.2.2. Carton size: 30 tiles per carton (67.50 sq ft)

2. TECHNICAL DATA

Please refer to Document CT403 for specific test results.

3. ADHESIVES

There are 2 adhesive choices for Cor-Terra. The contractor and/or architect shall make determination of which adhesive shall be used based on installation type. The water-based adhesive is suitable for many commercial installations. For installations with heavy traffic or rolling loads a 2-part epoxy adhesive is recommended.

3.1. Cor-Terra **CT100 Adhesive** is a water-based adhesive; trowel size for CT100 adhesive is 1/16" D x 1/32" W x 1/32" U-notch trowel.

OR

3.2. Two-Part Epoxy Adhesive: use trowel recommended by the epoxy manufacturer.

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.

COR-TERRA RUBBER/CORK FLOOR TILE SPECIFICATIONS

- 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. An adhesive bond test shall be completed in several locations across the floor. Glue down a tile of material with recommended adhesive and trowel and let set for 48 hours before trying to remove. It shall be relatively difficult to pull tile up and there shall be adhesive on the floor and the tile.
- 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. Cor-Terra and adhesive must be placed in the area.
- 4.3. Installation of Cor-Terra
- 4.3.1. Cor-Terra must be dry laid prior to installing with adhesive. After the entire floor has been dry laid, view the room under normal lighting conditions and inspect for color acceptance and any defects that might occur. It is the installers' responsibility to bring any discrepancy to the appropriate person before adhesive installation begins.
 - 4.3.2. Spread adhesive according to directions on adhesive pail, paying close attention to spread rate, open time and working time. Environmental conditions (i.e. temperature, humidity, direct sunlight) will affect open and working time.
 - 4.3.3. Place tiles in adhesive tightly together but do not push or slide together as this will cause adhesive to seep through seams. If this occurs, either too much adhesive is being used or tiles are being pushed or slide together.
 - 4.3.4. Periodically pick up a tile during installation to make sure proper adhesive transfer is being made. If you need to work on top of tile, use a kneeling board.
 - 4.3.5. Roll the floor after 30 minutes with a 100 lb roller. Repeat rolling again after 60 minutes. Roll the floor in two directions. Hand roll all areas which cannot be reached with the large roller. Any uneven joints can be sand bagged overnight.
 - 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. Restrict foot traffic on the floor for at least 12 hours. Do not allow heavy foot traffic or rolling loads on floor for a minimum of 72 hours after the material has been installed. Foot traffic and rolling loads can cause permanent indentations in adhesive which is not fully cured.

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 and to clean the mold release residue from the product (from the manufacturing process). Failure to clean properly will cause bonding issues as well as the entrapment of dirt in the floor.
- 5.2. INITIAL CLEANING SHALL NOT TAKE PLACE UNTIL 72 HOURS AFTER INSTALLATION. To avoid possible damage to the flooring, the following shall never be used on the floor: steel wool or abrasive brushes, abrasive or alkaline cleaners, solvents of any type.
- 5.3. Thoroughly sweep or vacuum flooring to remove all loose dirt and grit. Floor shall be scrubbed with a general/all purpose cleaner, available from Capri. The appearance of a white film following washing and rinsing is an indication that the rinsing procedure was not adequate and the rinsing procedure must be repeated until all the residue has been removed.
- 5.4. Allow the floor to dry thoroughly.

6. APPLICATION OF FLOOR FINISH

Application of a good acrylic emulsion floor finish such as Tanski's *Vision Matte* or Johnson Wax Professional's *Carefree Matte*, available from Capri, is recommended. In order to protect the floor and reduce the amount of maintenance, apply 3 to 5 coats according the instructions listed on the container.

7. REGULAR MAINTENANCE PROGRAM

COR-TERRA RUBBER/CORK FLOOR TILE SPECIFICATIONS

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 foot traffic on the floor. Sweep or vacuum the floor to remove dirt and grit. Spot clean or mop floor if necessary with a neutral cleaner or Taski's *Profi* or Johnson Wax Professional's *Stride*. If the entire floor requires a deeper clean follow the initial cleaning instructions and use a general/all purpose cleaner.

8. WARRANTY: Cor-Terra is warranted for five (5) years for material or manufacture defects. CT107 Cor-Terra 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.



GRANDENTRANCE

4640 Wedgewood Blvd., Suite 300
Frederick, MD 21703
Ph: 888-424-6287 Fax: 301-620-0148
www.grand-entrance.com