

# CENTI 2000 EP Epoxy Adhesive Parts A & B

## Resilient Floor Tile and Plank Adhesive Specification

### Product Description

CENTI 2000 EP Epoxy adhesive is solvent-free, non-flammable, and odorless when dry. CENTI 2000 EP can be used where other adhesives might present potential health risks. It is suitable for office buildings, hotels, hospitals, schools, restaurants, assisted living facilities, etc. CENTI 2000 EP contains micro-biocides to inhibit the growth of mold and mildew. CENTI 2000 EP is a two-component product and cures to a tough, flexible film. It is recommended for the installation of vinyl flooring products on approved sub-floors for both porous and non-porous applications. It is especially recommended for use on non-porous sub-floors. Only Tandus Centiva adhesive is to be used for installing Tandus Centiva LVT.

CENTI 2000 EP may be used to install Event, Contour, Victory & Venue Series products.

*CENTI 2000 EP is manufactured in the USA for Tandus Centiva US LLC*

### Product Specifications

Base:	Epoxy
Color:	Beige
Weight:	12.5 lbs/gal
VOCs:	-0- calculated*
Consistency:	Medium Paste
Shelf Life:	1 year at 70°F, unopened
Open Time:	40-50 minutes, depending on temperature/humidity and sub-floor porosity
Coverage:	130-150 sq. ft./gal. Coverage will vary depending on floor type

\* All Tandus Centiva LVT adhesives meet SCAQMD Rule 1168 standards. For specific LEED® documents concerning Tandus Centiva LVT adhesives, see [tandus-centiva.com](http://tandus-centiva.com)

### Prepare Surface

1. CENTI 2000 EP may be used on all grade levels of concrete-on, above, or below grade, in the absence of moisture, as well as suspended approved wood floors (APA).
2. Make sure all sub-floors are clean, dry, free of dirt, dust, old adhesives, grease, wax, and other foreign matter that might interfere with the adhesive bond. Painted or varnished surfaces must be sanded and dust-free. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions.

3. Use a high-quality latex/Portland cement based-type patching compound to fill or level any irregular areas.
4. The sub-floor, flooring material, and adhesive must be acclimatized to the installation area for a minimum of 48 hours prior to installation. The area should be fully enclosed, weather-tight, with permanent HVAC system set and maintained at a minimum temperature of 68-72°F for 48 hours prior to, during, and after installation. If adhesive is subject to heat, setup time will be shortened significantly. The opposite will occur if stored in a cold area.
5. It is essential that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed using ASTM F 1869 (calcium chloride test) or ASTM F 2170 (relative humidity). Moisture levels should not exceed 6 lbs/1,000 sq. ft. (CC) or 75% relative humidity in a 24 hour time period. If test results exceed the limitations, the installation should not proceed until the problem is corrected. See ASTM F 710 for additional information.

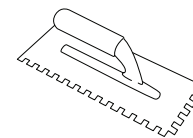
### Apply Adhesive

6. A unit of CENTI 2000 EP consists of two (2) parts labeled Part A and Part B. After opening each container use a can opener to cut the rims off both containers. Thoroughly mix Part A and Part B separately. Combine the two (2) parts making sure that ALL of the contents of one can are added to ALL the contents of the second can. Mix the two parts together thoroughly until they are a uniform color. Immediately after mixing the two parts together, pour the contents into an open, flat pan or on the floor. Epoxy adhesive cures by chemical reaction; the heat generated by that process reduces the open time and curing is accelerated if left in the can.
7. Spread the adhesive using a 1/16 x 1/16 x 1/16 inch square notched trowel. After spreading the adhesive lay the tile into it immediately. Check open time periodically by lifting a section just laid to be certain there is transfer of adhesive to the back of the floor covering. The open time will vary with the temperature, humidity, and porosity of the sub-floor. Use a kneeling board or work off of the tile whenever possible.

8. After installation roll the floor using a 100 lb sectional roller, first in one direction and then in a direction at a right angle to the first line of direction. Remove any excess adhesive when rolling. **THE FLOOR MUST BE ROLLED BEFORE THE ADHESIVE HARDENS.**
9. Use denatured alcohol or mineral spirits to remove wet adhesive. Do not apply solvents directly to flooring material as a loss of strength/gloss/texture may result. If a tile needs to be cleaned of excess adhesive material on the finished surface, use the solvent sparingly in a slight rubbing manner. Cured adhesive is very difficult to remove.

### Limitations

10. Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 0°F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. The finished installation must be protected from moisture and/or freezing for a minimum of 24 hours.
11. Allow 8-12 hours for light foot traffic and 24-48 hours for heavy foot traffic.
12. Do not wash or wax the floor for a minimum of 48 hours after installation.



Use a 1/16 x 1/16 x 1/16 inch square notched trowel.