

# CENTI 6000 SP Special Purpose Adhesive

## Resilient Floor Tile and Plank Adhesive Specification

Tandus | Centiva  
A Tarkett Company

### Product Description

CENTI 6000 SP Special Purpose adhesive is solvent-free, non-flammable, freeze/thaw stable, and odorless when dry. CENTI 6000 SP 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 6000 SP contains micro-biocides to inhibit the growth of mold and mildew. CENTI 6000 SP can be used to install luxury vinyl tile and vinyl plank flooring over porous and non-porous floors. CENTI 6000 SP exhibits quick grab, excellent moisture resistance, and spreads easily. Centi 6000 SP has excellent resistance to plasticizer migration and sets to a tough permanent bond. Only Tandus Centiva adhesive is to be used for installing Tandus Centiva LVT.

CENTI 6000 SP may be used to install Event, Contour, Victory & Venue Series products, excluding Coral Reef, Magics, and Mineral Chip.

*CENTI 6000 SP is manufactured in the USA for Tandus Centiva US LLC*

### Product Specifications

Base:	Acrylic
Color:	White
Weight:	9.7 lbs/gal
VOCs:	-0- calculated*
Consistency:	Medium Paste
Shelf Life:	1 year at 70°F, unopened
Open Time: on	45 minutes, depending temperature/humidity and sub-floor porosity
Coverage:	120-130 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 6000 SP 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.
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.
6. CENTI 6000 SP is recommended for **porous and non-porous** applications. It is the responsibility of the user to determine whether or not the sub-floor to be covered is porous. To determine if a sub-floor is porous, place two droplets of water in various areas. If the sub-floor is porous, the water will be absorbed within a few seconds.

### Apply Adhesive

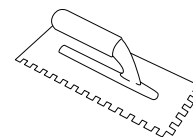
7. For **porous sub-floors**, apply adhesive using a  $\frac{1}{16} \times \frac{1}{16} \times \frac{1}{16}$  inch square notched trowel. Once troweled, the adhesive should be allowed to remain open (flash off) for 5-10 minutes before placement of the flooring material. Once placed, the material should be rolled immediately using a 100 lb roller. Remove any excess adhesive when rolling.
8. For **non-porous sub-floors**, apply adhesive using a  $\frac{1}{32} \times \frac{1}{16} \times \frac{1}{32}$  inch U-notched trowel. Adhesive must be allowed to dry to touch, so that there is little or no transfer of adhesive to the finger. Once the adhesive dries to the touch, it is ready to accept flooring material. Roll immediately after the flooring material has

been placed into the adhesive with a 100 lb roller. Remove any excess adhesive when rolling.

9. From the time the adhesive is allowed to dry to the touch, to the time it must be covered is 30-40 minutes depending on temperature and humidity. If the adhesive is allowed to remain uncovered, after initially drying, for periods longer than recommended, a loss in adhesion strength will result. The installer must take care not to spread more adhesive than can be worked appropriately within the recommended time frame.
10. Remove wet adhesive immediately with a damp cloth. Use mineral spirits to remove dried 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.

### Limitations

11. Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable 5 cycles 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 48 hours.
12. Restrict heavy foot traffic and rolling loads for 24 hours.
13. Do not wash or wax the floor for a minimum of 48 hours after installation.



Use a  $\frac{1}{16} \times \frac{1}{16} \times \frac{1}{16}$  inch square notched trowel. (porous)

Use a  $\frac{1}{32} \times \frac{1}{16} \times \frac{1}{32}$  inch U-notched trowel. (non-porous)

