

**CBC 5001** is a strong bonding acrylic adhesive for installing CBC PVC Sheet and Tile flooring over porous and non-porous substrates. **CBC 5001** is a solvent free, water-based adhesive suggested for use in occupied buildings, as it is low in odor, and contains “zero” (calculated) VOC’s.

The installation site must be acclimated for a minimum of one week and preferably 2-3 weeks with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°- 85° F, and the humidity below 65% for 48 hours prior to, during, and after the testing and installation. Follow ASTM F710 guidelines for subfloor testing and preparation.

**Limitations for Use:** Concrete substrates must comply with limitations of moisture and alkalinity, per ASTM F2170 not to exceed 85%, per ASTM F1899 not to exceed 6lbs./24 hours/1,000sf, and substrate readings between 7.0 and 10.0 pH. The concrete slab must be clean, dry smooth and flat.

**Advantages:**

- ◆ Low odor. Contains no solvents or alcohols.
- ◆ Zero (calculated) VOC’s.
- ◆ Very quick bond development.
- ◆ Superior performance specifically formulated for hard to bond polyester floor tile.

**Substrates:** Sound and properly prepared concrete, APA approved wood subflooring, and existing clean vinyl flooring. Substrates must be clean and dry, free of dust, dirt, paint, wax, existing adhesives or other contaminants that may interfere with the adhesive bond. Do not use on chemically cleaned substrates.

Type	Substrate Porosity	Trowel Size	Coverage per Unit
TOLI Mature® Select™, LVT & HVT	Porous	1/32" X 1/16" X 1/32" "U" Notch	880 - 1,040 sq. ft.
	Non-Porous	1/32" X 1/16" X 1/32" "U" Notch	1,200 - 1,400 sq. ft.
Takiron Sheet & Stair Treads*	Porous	1/16" X 1/16" X 1/16" "V" Notch	680 - 760 sq. ft.
	Non-Porous	1/16" X 1/16" X 1/16" "V" Notch	720 - 800 sq. ft.

Substrate Porosity	Tile		Sheet / Stair Treads	
	Open Time	Working Time	Open Time	Working Time
Porous	About 20-40 minutes (dry to touch)	Up to 3 Hours	About 10-20 minutes (wet tacky)	Up to 1 Hour
Non Porous	About 40-60 minutes (dry to touch)	Up to 3 Hours	About 30-45 minutes (wet tacky)	Up to 2 Hours

**Application**

**Porous substrates:** Sheet and tile may be placed into adhesive after 10-20 minutes open time (flash-off). Immediately after positioning flooring, roll the installation in both directions with a 100 lbs. 3 section roller, ensuring 100% coverage of adhesive. Do not install flooring into wet adhesive on non-porous substrates.

**Non-porous substrates:** Install sheet and tile into adhesive as it becomes dry to the touch. This will normally require 30 to 45 minutes of drying time at suggested installation temperature and humidity. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll in both directions with a 100 lb. roller immediately after flooring is placed, ensuring complete contact with adhesive.

Specifications			
Freeze/Thaw Stability	Stable to 10°F (-12°C)	Weight/Pail	40 lbs
Flash Point	Non Flammable	Unit Size	4 Gal (15.4 Liters)
Base	Acrylic	Shelf Life	1 year from manufacturing date, in an unopened container
Consistency	Trowel Grade Paste	VOC Content	0 g/l when tested in accordance with SCAQMD Rule 1168
Color	Off White		