

CBC 800 is a two-component, solvent-free epoxy nose caulking designed for use with Takiron Stair Treads.

Benefits:

- ◆ Non-Flammable
- ◆ Excellent chemical resistance
- ◆ Excellent moisture and alkali resistance
- ◆ Resists effects of plasticizer migration
- ◆ Sets to a hard, permanent bond
- ◆ FloorScore Certified

Preparation

CBC 800 can be used on porous and non-porous surfaces free of moisture. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease, oil, pen markings, adhesive residues, etc. that may prevent a proper bond or migrate to the surface causing a stain must be removed. CBC 800 can be used on all grades of concrete on, above or below grade in the absence of moisture. Installation of a 0.010" or greater effective moisture retarder is recommended directly under all on and below grade concrete floors with its integrity insured. Follow the recommendations outlined in ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring). Concrete floors shall be free from crazing, dusting, spalling and any curing or sealing compounds.

Concrete floors shall be tested for moisture according to the latest version of ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes). Internal relative humidity shall not exceed 75%. Concrete may also be tested according to ASTM F1869 (Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride). Moisture vapor emission rate shall not exceed 5 lbs./1000 sq. ft./24 hours. Wood floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. Top layer of wood shall be underlayment grade plywood.

Cracks and uneven surfaces must be filled with an approved cement based patching compound.

The area to receive stair treads/flooring should be fully enclosed, weather tight, with an installed operating HVAC system. The installation area, flooring materials and adhesive must be acclimated at a temperature between 65°- 85°F (18°- 29°C) for 48 hours prior to, during and after installation. The relative humidity of the installation area shall be maintained between 35 - 55%.

Application

- ◆ **POT LIFE:** When parts A and B are mixed thoroughly in the proper ratio, CBC 800 has a 45-50 minute pot life. Higher temperatures will result in a shorter pot life.
- ◆ **SET TIME:** Approximately 6-8 hours at 75°F (24°C). Heavier applications will cure faster. Lower temperatures will result in longer cure times.
- ◆ **OPEN TIME:** Once adhesive is applied, maximum open time at 75° F (24°C) is 45-50 minutes. Higher temperatures will result in shorter open times.

Apply a sufficient amount of epoxy nose caulking into the inside nose area of the stair tread to completely fill the void between the nosing angle of the stair tread and the nosing of the stair step. When positioning stair tread, make sure that the nosing of the stair tread is positioned tightly against the step nosing. Roll nosing area with a hand roller.

Allow minimum 24 hours cure time before allowing foot traffic. Lower temperatures will require longer waiting periods.

Specifications

Curing Time	24 Hours	Unit Size	13.5 oz Dual Cartridge
Mixed	Epoxy	Shelf Life	1 year in unopened container
Color	Grey (mixed)	VOC Content	<12 g/L (<0.1 lbs/gal)
Freeze/Thaw Stability	Freeze thaw stable. Allow adhesive to gradually warm under normal room temperature (65°-85° F)	Clean-Up	Remove wet adhesive immediately with a cloth dampened with IPA, toluene, MEK or mineral spirits, Cured adhesive is very difficult to remove. Do not apply solvent directly to flooring material.