

# Product Data Sheet



PPG High Performance Coatings

Keeler & Long/PPG  
856 Echo Lake Road  
Watertown, CT 06795  
1-800-238-8596

## Kolor-Quartz™ Seamless Floor Coating KL7700/KL7700B

### Product Information

**Product Code:** KL7700 Clear Part A  
KL7700B Curing Agent Part B

**Product:** Epoxy-Amine

**Suggested Use:** Use in areas where an aesthetically pleasing, durable floor coating is desired such as kitchens, restrooms, shower rooms, clean rooms, traffic areas and showrooms. Can be smooth or non-skid.

**Not Recommended:** Splash and spillage of strong acids. Immersion service.

### Product Description

**Color:** Clear. Colors can be obtained by adding colored quarts to the desired color.

**Gloss 60°:** 80 minimum for smooth finish

**Weight/Gallon:** 9.0 ± 0.3 lbs./gal. (mixed)

**In Service Heat Limitations:** 200°F (93°C) maximum, dry heat

**Flash Point:** Part A 124°F (51°C)  
Part B 150°F (65.5°C)

**Package:** KL7700 is filled in five-gallon containers at 2.5 gallons (9.46 liters) or two-gallon containers at 0.62 gallon (2.35 liters).  
KL7700B is filled in two gallon pails at 1.5 gallons (5.68 liters) or half gallon pails at 0.38 gallon (1.44 liters).

**Percent Solids by Volume:** 99.4 ± 3.0% (mixed, calculated)

**Percent Solids by Weight:** 99.4 ± 3.0% (mixed, applied and air dried)

**VOC, Air Dried:** 0.05 lbs./gal. (7 g/L) mixed

**VOC, EPA 24:** 0.85 lbs./gal. (102 g/L) mixed

### Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 6 hours

Dry to Recoat: 15-20 hours

Drying times listed may vary depending on temperature, humidity and air movement.

### Application Data

**Substrate:** Concrete floors

**Substrate Preparation:** The service life of the coatings is directly related to the surface preparation.

Surface to be coated must be properly prepared, sealed, dry, clean and free of all contamination.

**Basecoat:** Kolor-Poxy™ Clear Sealer, Kolor-Poxy™ Primer/Sealer, Kolor-Poxy™ Primers, and Kolor-Poxy™ Self Leveling Floor Coating \*\*

**Application Method:** Apply using a notched squeegee or fine nap or mohair roller to roll out the coating. Spread at a rate of 75-200 sq. ft. per mixed gallon.

Let coating self level for 2-3 minutes then "seed" or "broadcast" desired aggregate into the wet coating. Continue until the surface is saturated and no shiny areas are visible.

Roll out using a napless or foam roller. Do not use pressure on the roller. This step is to insure the aggregate is "bedded down" uniformly.

Allow to cure for 15-20 hours. Sweep up any loose aggregate and apply a glaze coat of KL7700/KL7700B Clear to the surface. Thinning may be required depending on temperature. Additional coats may be required to achieve desired appearance.

Refer to Application Guide APG-6 for additional information.

**Parts Base by Volume:** 1.7 parts KL7700

**Parts Catalyst by Volume:** 1 parts KL7700B

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**Kolor-Quartz™**  
**Seamless Floor Coating**  
**KL7700/KL7700B**

**Application Data (continued)**

- Thinner Code & Percent:* Thinning is not normally required. If thinning is needed due to temperature, up to one (1) pint of KL3700 may be used, per mixed gallon.
- Digestion Time:* None required
- Pot Life:* 15-20 minutes at 77°F (25°C)
- Coverage Sq. Ft./Gal. l:* 75 to 200 sq. ft./mixed gallon @ 8.0 to 20.0 mils dry film.
- Mixing Instructions:* Mechanically agitate KL7700 before blending. Add KL7700B to KL7700. Mechanically agitate for 2 minutes. Pour mixed coating into a clean pail. Scrape sides of the original pail and agitate for an additional 30 seconds.
- Wet Film Per Coat:* 8.0 to 20.1 mils
- Dry Film Per Coat:* 8.0 to 20.0 mils
- Clean Up Solvent:* KL3700

**Additional Information**

Apply only when air, product and surface temperatures are between 65°F (18.3°C) and 85°F (29°C) and surface temperature is at least 5°F (3°C) above the dew point. Consult Keeler & Long/PPG Technical Service if application temperatures are outside recommended ranges.

Store materials at temperatures between 50°F (10°C) and 85°F (29°C).

**\*\*When topcoating Kolor-Poxy™ Self Leveling Floor Coating with Kolor-Quartz™ Seamless Floor Coating, the Kolor-Quartz must be applied within a 15 to 30 hour recoat window. After 30 hours, the Kolor-Poxy Self Leveling Floor Coating must be abraded prior to the application of the Kolor-Quartz Coating.**

Not intended for residential use.

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-238-8596.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.