
TECHNICAL DATA SHEET

100% SOLIDS 2K EPOXY – CLEAR GLOSS

197-1400 (Part A & B Mixed)

DESCRIPTION

A high-gloss, high-build, clear coating formulated to provide a tough, protective finish for interior concrete floors. This two-component product is solvent-free making it zero VOC, very low odor, non-flammable, and minimal shrinking upon curing. It provides excellent resistance to abrasion, marring, scuffing, foot and vehicular traffic as well as chemicals including oil, grease, hydraulic fluid, gasoline, many solvents and moderate acids and alkalis. It is ideal for use in factories, warehouses, garage floors, covered parking decks, aircraft hangars, service stations, and other applications where a heavy-duty coating is required.

PRODUCT CHARACTERISTICS

- ◆ Chemical resistant
- ◆ Abrasion & wear resistant
- ◆ High film building
- ◆ Easy mixing & spreading
- ◆ Self-leveling
- ◆ Solvent-free / Zero VOC
- ◆ Very low odor
- ◆ Non-flammable
- ◆ High gloss
- ◆ Water clear

MIXING & APPLICATION

1. Contents are pre-weighed. Do not mix less than full amount.
2. On porous, bare concrete, first apply a coat of 2K Waterborne Epoxy Clear Sealer (197-8001) following label directions in order to increase the adhesion of this coating and reduce outgassing imperfections.
3. Apply when air and surface temperature is 60-90°F and relative humidity is less than 85%.
4. Wear impervious gloves and long sleeves while working with this material. Discard gloves when finished.
5. Pour entire contents of kit (one container of Part A - Curing Agent and two containers of Part B - Epoxy) into a five gallon metal pail. Scrape container sides to make sure that all material is removed.
6. Blend thoroughly with a mixer mounted on an electric drill for 2-3 minutes at medium speed. Do not “whip” air into the mixture. Scrape sides to make sure that all material is completely blended.
7. Pot life while in the container is 30-45 minutes at 77°F. Warmer temperatures will shorten pot life while cooler temperatures will extend pot life. **WARNING! MIXTURE WILL GET WARM AFTER BLENDING AND VERY HOT TOWARD THE END OF THE POT LIFE. USE CAUTION!**
8. No induction time is needed; use immediately.
9. Do not thin. Pour blended contents onto the surface and spread with a notched squeegee or roller. A brush may be used for small areas and trim. Spreading rate is 100-125 sq. ft. per gallon (280-350 sq. ft. per kit) for a dry film thickness of 12-16 mils.
10. Do not overwork the coating. This product is self-leveling.
11. Coating may be walked on or recoated after 18-24 hours at 77°F. Allow 3-5 days of curing before subjecting to heavy-duty use. Cooler temperatures will extend cure time while warmer temperatures will accelerate cure time.
12. Clean up equipment immediately after use with xylene following label directions for use and proper protective equipment.

TECHNICAL DATA

Weight per Gallon (mix).....9.0 +/- 0.25 lbs.
Color (mix).....Clear
Viscosity (mix).....80-90 KU
Gloss (mix).....90%+
Pot Life.....30-45 min. at 77°F
Coverage.....100-125 sq. ft. per gallon
280-350 sq. ft. per kit
Dry Time - Light Traffic.....18-24 hours at 77°F
Dry Time – Heavy-Duty Use.....3-5 days at 77°F

CHEMICAL RESISTANCE
(Cured at 70°F – 30 min. Spot Test)

Chemical	7 Day Cure	30 Day Cure
Tap Water	No Effect	No Effect
5% Bleach	No Effect	No Effect
10% Sulfuric Acid	Slightly Deglossed	Slightly Deglossed
10% Hydrochloric Acid	No Effect	No Effect
10% Nitric Acid	No Effect	No Effect
10% Sodium Hydroxide	No Effect	No Effect
99% Ethanol*	Softened	Softened
Gasoline*	Slightly Softened	Very Slightly Softened
Xylene	Blistered	Softened
Transmission Fluid (Type F)	No Effect	No Effect
Brake Fluid (DOT 5)	No Effect	No Effect

* - Small spills will generally evaporate before damaging the film.

Note: All spills should be wiped up immediately for safety purposes as well as longevity of the coating.

The information and data given herein are based upon tests and reports considered reliable and believed to be accurate. However, due to circumstances beyond our control including but not limited to surface preparation, application technique, substrate and curing conditions, no guarantee of duplicate performance, expressed or implied, is made.

Revised 3/18/11