



Prefect 40™

Gloss Water-Based Epoxy

Product Advantages

PreFect 40 Water Based Epoxy is a 40% Solids product that is ideally suited for concrete floors that require an easy to apply medium duty coating, such as in warehouses, garages, hallways, labs, shop floors and storage areas in institutional facilities. PreFect 40 Epoxy is low in odor, minimal amine type odor, due to the total lack of solvents in the system.

PreFect 40 epoxy can be applied over properly prepared concrete floors with out any primer, yet it is ideally applied over one coat of MoistSeal water-based epoxy primer sealer. This system will help increase the tensile strength of the concrete and yield the nicest appearance.

Product Characteristics

Gloss	Full
Dry Time	Light Touch: 8 hours Light Traffic: 24 hours Full Cure: 7 days Good
Depth-of-Image (DOI)	Excellent
Moisture Resistance	Very Good
Mar Resistance	Excellent
Weight Solids	53%±3%
Volume Solids	40%±2%
VOC's	Part A & B combined 100 Grams or less
Recommended WFT	4 to 6 mills wet
Induction Time	30 Minutes
Pot-Life	3 Hours
Quick-Turn Colors	4 package colors
Coverage	300-400 SF per kit

Packaging

Quick-Turn colors packaged as 1-unit kits, Parts A & B included

- CF-0584/1K—PreFect 40 WB Epoxy—Mission Gray
- CF-0517/1K—PreFect 40 WB Epoxy—Middle Gray
- CF-0585/1K—PreFect 40 WB Epoxy—Sand
- CF-0531/1K—PreFect 40 WB Epoxy—Middle Earth

High Performance Water –based Epoxy

Prefect 40™

Surface Preparation

Before application, the surface must be properly cleaned and prepared. Follow each step.

1. Remove any grease or oil with a heavy-duty degreaser solution.
2. Muriatic acid etch the surface if smooth and/or to remove cure and seal primer from the surface.
3. Rinse several times to remove acid residue from the surface.
4. Mop up any pooled areas of water
5. Allow any standing water to evaporate until surface is merely damp.
6. Apply Praetorian MoistSeal Sealer

Mixing Instructions

1. Stir Part A container.
2. Shake Part B container
3. Pour Part B into Part A and mix thoroughly with a drill and jiffy type mixing blade, for a minimum of 2 minutes. Continually scrape sides and bottom of container to insure that both components are completely blended together.
4. Let the combined Part A and Part B "sweat in" for 30 minutes before application. Failure not allowing full 'sweat-in' time will result in low gloss, poor chemical resistance as well as under curing of PreFect 40.
5. Wear appropriate protective clothing such as; (see your supervisor for direction) protective eye wear, gloves, respirator (when circumstances dictate).

Application Instructions

1. Allow MoistSeal to dry 12-24 hours before application.
2. Use a high quality 1/4 - 1/2" roller cover
3. "Sweat In" Part A & Part B for 30 minutes before application
4. Do not apply after 3 hours—PreFect 40 will not cure correctly, when applied beyond pot-life, with the possibility of low gloss, out gassing, poor abrasion resistance and poor chemical resistance.
5. For optimal film formation, apply at 4-6 mils WFT (Wet-Film-Thickness). Do not apply over 8 mils wet, this will result in an incomplete cure.
6. Allow to dry 24 hours; depending upon temperature, humidity, and air flow, before light foot traffic.
7. Do not apply in: humidity above 80%, dewpoints above 65°, temperatures above 90°F, or temperatures below 50°F
8. Substrate temperature should be above 50°F
9. PreFect 40 is for interior exposure only. Exterior exposure will result in loss of gloss, color and possible chalking.
10. Protect PreFect 40 from car/truck tires for until fully cured (7 days).
11. Can be clear coated with MorningStar Clear Water-Based Urethane for enhanced appearance and protection.
12. Clean up with warm soapy water.