



Prefect 100™

100% Solids Epoxy

Product Advantages

PreFect 100 Epoxy is a 100% Solids product that is ideally suited for interior concrete floors that require a self leveling high performance coating. PreFect 100 is an epoxy able to handle the demands of fork lift traffic as well as strong chemical and solvent exposure. Suggested areas for application include: warehouses, dock areas, factories, maintenance facilities, garages, hallways, labs, shop floors, showrooms, and storage areas in institutional facilities. PreFect 100 Epoxy is low in odor due to the lack of solvents in the system; however PreFect 100 has a characteristic amine odor.

PreFect 100 Epoxy may be applied over properly prepared concrete floors without primer. For best results, apply over one coat of MoistSeal Water-based Epoxy Primer Sealer. This system will help increase the tensile strength of the concrete, further diminish risk of out-gassing, can increase adhesion properties, and give the most uniform/outstanding appearance .

Technical Data

Gloss	High Gloss (lower sheens available by request)
Dry Time	Grit additive, for slip resistance, available by request
Depth-of-Image	Light Touch: 8 hours @ 77F 50% RH
Moisture Resistance	Light Traffic: 24 hours @ 77F 50% RH
Mar Resistance	Full Cure: 7 days
% Weight Solids	Excellent
% Volume Solids	Excellent
VOC's	Very Good
Recommended WFT	100% ± 1%; A & B combined
Induction Time	15 gr./l or less
Pot-life	6-18 mils, wet
Colors	5 minutes
Leveling:	45 minutes
Out-gassing	Clear only
Ease of Application	Outstanding self-leveling properties
Film Shrinkage	Superior out-gassing capabilities, minimizing surface defects in dried film surface.
	Notched Squeegee, back roll with spike roller
	Very minimal shrinkage, dry film

High Performance 100% Solids Epoxy

Prefect 100™

Packaging

One Gallon Kits—2 parts A & B

CF-0585—PreFect 100 Epoxy—Clear

Mixing Instructions

Ideally use a “Jiffy Mixer” type blade attached to a drill for mixing components

1. Premix both Part A and Part B before combining
2. Pour Part B into Part A and mix thoroughly, ideally with a drill and jiffy type mixing blade for a minimum of 2 minutes, continually scraping sides and bottom of container to insure that both components are completely blended together.
3. Let the combined Part A and Part B “sweat in” for 5 minutes before application. Failure to do so will result in low gloss and poor chemical resistance and under curing of PreFect 100.
4. Warning: 45 Minute Pot Life:
5. Wear appropriate protective clothing such as: Protective Eye Wear; Gloves; Respirator when circumstances dictate.
6. Clean up with warm soapy water.

Application Instructions

1. Apply over properly prepared concrete—see your authorized Factor Representative for preparation recommendations.
2. Performs best over MoistSeal Epoxy primer/sealer
3. Can be applied direct to properly prepared concrete
4. Best applied with a notched squeegee and back rolled with a spiked roller cover.
5. “Sweat In” Part A & Part B for 5 minutes before application
6. Pot Life is 45 Minutes
7. After mixing Part A and Part B together and sweating in for 5 minutes, pour the contents out on the floor and apply with a notched squeegee followed by back rolling with a spiked roller cover to help release air.
8. NOTE: If PreFect 100 is allowed to sit in the mixing can it will exothermic reaction, with temperatures exceeding 150°F!
9. For optimal film formation, apply at 8 to 16 mils WFT (Wet-Film-Thickness). Do not apply over 20 mils wet.
10. Allow to dry 24 hours, depending upon temperature, humidity and air flow, before light foot traffic.
11. Do not apply in: humidity above 80%, dewpoints above 65°, temperatures above 90°F, or temperatures below 40°F (includes atmospheric and substrate temperatures).
12. Not recommended for exterior exposure; Loss of gloss, color and possible chalking.
13. Protect PreFect 100 from car/truck tires for until fully cured (7 days).
14. Can be clear coated with MorningStar Clear Water-Based Urethane for enhanced appearance and protection.
15. Clean up with solvents such as Mineral Spirits, MEK, Xylene or Toluene.