



Concrete Primer 1000

Description: A 100% solids epoxy primer applied prior to Devcon® Floor Savers™ coatings.

Intended Use: Penetrate, seal, coat shot-blasted or acid-etched concrete surfaces. Improves adhesion of your top coating.

Product features: **Reduces concrete outgassing**
Applies with brush or roller
Seals porous concrete
Low viscosity

Limitations: Not recommended for outdoor use

Typical Physical Properties: *Technical data should be considered representative or typical only and should not be used for specification purposes.*

Cured 7 days @ 75° F

Color	Light Grey
Mix Ratio	3.58:1 by wt.; 2.4:1 by volume
Mixed Viscosity	2,000 cps
% Solids by Volume	100
Pot Life @ 75F	55 min.
Application Temperature	60-90°F
Temperature Resistance	Wet: 100°F; Dry 180°F
Minimum Recoat Time @ 75F	4-6 hrs.
Cure Time	Ft.traffic,24hrs.,full serv.,48 hrs.,full chem.cure,7 days
Cured Hardness	85D
Packaging	2 gals. /24lbs.
Application Coverage per Unit	400 sq.ft./2gal. @ 8mils.
Functional Cure	24 hours

Surface Preparation: For METAL SURFACES, use a wire brush or sandpaper to remove rust and scale from the surface to be protected. Surfaces may be shot blasted or abraded using a wire wheel for best results. All dirt, grease, and old paint should be removed. All clean dry surface is essential for the best results.

Begin with a sound, clean, dry and roughened, oil-free application surface, as it is essential to the success and performance of this product.

Spot test surface by mixing a small quantity of the resin and hardener without the silica filler. Apply the compound to a small, clean test area. Old paint may wrinkle or lift. If it DOES NOT, wait five (5) days and test the bond strength by scraping surface with a sharp instrument. A pressure-sensitive tape test can also be used as follows: cut an "X" into surface and place tape firmly over the cut. Remove the tape with a hard, fast pull. If the coating fails either test, proceed with instructions for previously coated concrete (see below).

For NEW POURED CONCRETE, allow to fully cure (28 days @ 70°F) prior to application. Remove any curing membrane by sanding or etching with a strong detergent; otherwise, etch surface with Devcon® B-4 environmentally safe acid etch.

For OLD CONCRETE, thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shotblasting, sanding, or grinding. Proceed as for new poured concrete.

For PREVIOUSLY COATED CONCRETE, applications should be considered short term because the coating system is only as strong as its weakest component. Remove any peeling or degraded paint by sanding or using a paint stripper. For intact paint, thoroughly clean the surface with a strong detergent, then lightly sand to remove any gloss. Treat any areas worn down to the original concrete as bare concrete.

Apply Devcon Concrete Primer 1000 to all shot-blasted or etched concrete surfaces to seal them prior to the application of other Devcon® Floor Savers™ products.

Mixing Instructions:

1. Pour hardener into resin.
2. Mix for about three (3) minutes using a propeller-type Jiffy Mixer Model ES (or equivalent) until a uniform color is achieved.

Application Instructions:

For best results, Concrete Primer 1000 should be stored and applied at room temperature.

PRIOR TO APPLICATION:

Fill large holes with a patching compound (Devcon Floor Patch or Devcon Ultra Quartz is recommended).

APPLICATION:

Prime floor surface with a 6-8 mil coating of Devcon Concrete Primer to seal porous concrete and prevent "outgassing." After 4-6 hours, the primer coat can be top-coated with any flooring product.

Storage:

Store at room temperature.

Compliances:

Approved in the U.S. for use in meat and poultry processing plants.
Accepted by Canadian Department of Agriculture Food Safety Service.

Chemical Resistance:

Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) @ 75°F

1,1,1-Trichloroethane	Excellent	Methylene Chloride	Very good
Acetic (Dilute) 10%	Poor	Nitric 10%	Very good
Ammonium Hydroxide 20%	Fair	Nitric 50%	Poor
Cutting Oil	Very good	Phosphoric 10%	Very good
Hydrochloric 10%	Very good	Phosphoric 50%	Poor
Hydrochloric 36%	Poor	Potassium Hydroxide 40%	Fair
Methanol	Poor	Sodium Hydroxide 50%	Excellent
Methyl Ethyl Ketone	Fair	Sodium Hypochlorite	Very good

Precautions:

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

For technical assistance, please call 1-800-933-8266

FOR INDUSTRIAL USE ONLY

Warranty:

Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.

Order Information:

12400 2 gal.