



Floor Grip™

Description: A 2-component, heavy-duty epoxy compound containing silicon carbide granules for anti-skid protection

Intended Use: Ideal anti-skid coating used in walkways; ramps; loading docks, and stairs.

Product features:
Applies at temperatures as low as 40°F
Reduces slipping accidents
Adheres to concrete, wood, steel, brick, aluminum, and wet surfaces
Bonds to damp surfaces
Non-corrosive hardener

Limitations: None

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

Application Coverage per Unit	80 sq.ft. @ 16 mils
Application Temperature	40°-90°F
Color	Black
Cure Hardness	85D
Cure Time	Ft.traffic, 8hrs., full serv.24h
Functional Cure	24 hrs.
Minimum Recoat Time @ 75F	8-10 hrs.
Mix Ratio	2.2:1 by volume, 2.8:1 by wt.
Mixed Viscosity	2,000 cps
Packaging	2 gal. /25 lbs.
Pot Life @ 75F	50 min.
Solids by Volume	100
Temperature Resistance	Wet: 120°F; Dry: 250°F

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.

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.

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:

1. Mix resin and hardener together.
2. Using a 3/8" or 1/2" roller, apply mixed product to a small section of floor at a thickness of 8-10 mils (base coat).
3. Sprinkle silicon granules over the surface.
4. Back roll the granules to anchor into the epoxy.
5. Brush away excess granules after Floor Grip has cured for 24 hours.

Storage:

Store at room temperature, 70 °F.

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

Ammonia	Very good
Chlorinated Solvent	Very good
Hydrochloric 10%	Very good
Kerosene	Excellent
Methanol	Poor
Sodium Hydroxide 10%	Excellent
Sulfuric 10%	Very good
Toluene	Very good

Precautions:

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

For technical assistance, please call 1-855-489-7262

FOR INDUSTRIAL USE ONLY

Warranty:

ITW Performance Polymers 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 Performance Polymers makes no representations or warranties of any kind concerning this data.

Order Information:

13090 2 gal.