



PRODUCT DATA

Volumetric Ratio _____ 1 to 1
Solids _____ 92% (+ or - 1%)
Coverage _____ 100 SF/Kit
Application _____ Slab
Temperature _____ 45-90°F
Application _____ Slab
Thinning _____ None Required
Color _____ Neutral Base
Packaging _____ 5 gallon bucket
Finish _____ Matte
VOC _____ 0 m/l
Shelf life _____ 12 months
USDA Food & Beverage _____ Meets Req.

CURE TIME

Light Traffic _____ 6-8 hours
Full Cure _____ 48-72 hours

CONTACT

PHONE _____ (425)888-5565
WEBSITE _____ www.diygaragefloors.com



PRODUCT DESCRIPTION

DIY GARAGE FLOORS DGF-100 Grinderless Primer is the revolutionary Primer and complete floor prep system in one. It bonds to virtually any surface including; epoxy, paint, asphalt, linoleum, wood, metal, adhesives, VCT, sealed concrete, ceramic tile, masonry and bituminous roofing. DIY GARAGE FLOORS DGF-100 Grinderless Primer cuts prep time, seals in slab laitance and reduces mess and demolition hazards. It is also against hydraulic fluid, grease and other hydrocarbon contaminants within the concrete slab. DIY GARAGE FLOORS DGF-100 Grinderless Primer is non-toxic and environmentally friendly.

APPLICATIONS

- Areas where prep or grinding is not allowed
- Food manufacturing & processing facilities
- Chemical processing plants
- Pharmaceutical plants
- Commercial Kitchens
- Bottling, sanitizing & wash areas
- Cold rooms & freezers
- Automobile repair shops

ADVANTAGES

- Reduces surface prep, expense and project completion time
- Eliminates the need to water prime, acid etch and neutralize
- High resistance to chemical, impact and abrasion
- Superior adhesion to various substrates
- Non-Toxic and environmentally friendly
- Does not support the growth of fungus or bacteria
- Resistant to hydraulic fluid, grease and other hydrocarbon contaminants
- Specified for use with decorative cements and epoxies
- Wide temperature in-service range
- Comes ready to use in 1 gal kit or 2 gal kit

PHYSICAL PROPERTIES

PROPERTY	VALUE	REFERENCE
Compressive Strength	6,800 psi	ASTM C 579
Flexural Strength	2,700 psi	ASTM D 790
Tensile Strength	2,900 psi	ASTM D 638
Bond to Concrete	400 psi	ASTM D 4541 Concrete fails at this point
Impact Resistance	PASS@ 125 mils	ASTM D 2794
Flammability	Self-extinguishing	
Hardness, Shore D	75	ASTM D 2240
Flash Point	>200 degree F	



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APPLICATION INSTRUCTIONS COVERAGE

Pour the entire mixture evenly onto the surface as soon as possible after mixing. Use a Gage Rake with carns pre-set at 1/8", or for desired thickness or squeegee to spread mixture over the surface.

Use a hard bristle broom to work the product into concrete surface. Back roll to a smooth texture. No sanding is required. Best results are achieved when applied to dampened concrete. This can be done with a pump sprayer. Do not allow puddled water. Concrete should be damp, not wet.

OPTIONAL TOP COAT APPLICATION

This product is specifically designed to be your base coat, starting point and after curing you can begin whatever system you desire on top. However, you can simply put a top coat pigment sealer on this if so desired. Typical sealers include: Polyaspartic and WB Urethane.

CONCRETE PREPARATION

Before coating is applied, surface must be:

- Free of dirt, waxes curing agents and other foreign materials
- Clean-Contaminants removed, acetone wipe
- Profiled-not required
- Sound-All cracks and spalled areas repaired

CLEAN UP AND DILUTION

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or MEK.

PATCHING

Voids, cracks and imperfections will be seen in finished coating if the concrete is not patched correctly. Patch concrete with DGF-700 Crack Repair. After patching material is cured, diamond grind patch. If another patching material is used, contact a DIY technical representative for a compatible and approved alternative.

MIXING

Ensure all components are between 45-90 degree F. DGF 100 Grinderless Primer kits are pre-measured, consisting of one pail of resin, on jug of hardener and one bag of C-blend. Pour entire contents of Part B into 1 gal bucket or Par A and mix well for 30



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seconds. Slowly add Part C while under agitation. It is important to “wet-out” all parts of mix, scraping the bottom and sides of bucket. Mixing bucket and mixer/blades should be scrapped out thoroughly and cleaned with solvents such as acetone or xylene. Prepare only the amount you can use in 10 minutes at 78 degree F. (Higher temperatures reduce work time). Do not leave the mixed material in the bucket longer than 10 minutes. Incomplete mixing will cause an inconsistent finish.

Note: Do not mix this product in direct sunlight or when temperatures exceed 90 degree F. Set up the mixing station as near to the work area as possible. Exposure to high temperatures will reduce the working time. DO NOT MIX UNTIL READY FOR IMMEDIATE USE.

WARRANTY

DIY GARAGE FLOORS products are warranted for 30 days after date of purchase. Please refer to the limited Material Warranty for additional clarification.

Disclaimer: All DIY GARAGE FLOORS products are manufactured with the finest raw materials. It is the applicator’s responsibility to determine the appropriate use of the product. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.

HANDLING PRECAUTIONS

Use only with adequate ventilation. Appropriate cartridge-type application in confined areas. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.

WARNING! SLIP AND FALL PRECAUTIONS

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip resistance on pedestrian surfaces. The current coefficient of friction required by the ADA is .6 on level surfaces and .8 on ramps. DIY GARAGE FLOORS recommends the use of angular slip resistant aggregate in all coatings or resin systems that may be exposed to wet, oily or greasy conditions.

PROP 65 WARNING

⚠ WARNING: This product can expose you to chemicals including arsenic, which is known to the State of California to cause cancer and or birth defects. For more information, go to www.P65Warnings.ca.gov

CAUTION! PRODUCT IS EXTREMELY FLAMMABLE KEEP AWAY FROM OPEN FLAMES. KEEP OUT OF THE REACH OF CHILDREN.