

## FLOOR GRIP

### PRODUCT INFORMATION

	<b>Stock No.</b> 13090	<b>Package Size</b> 10kg (25lb) ~3.5Kg of Resin + Hardener & ~6.5Kg of Silicon Carbide Granules
Description	Heavy duty epoxy compound with %gripping+, hard wearing silicon carbide granules for optimum grip on potentially slippery surfaces.	
Recommended Applications	<ul style="list-style-type: none"> <li>• Ideal for use on walkways, ramps, loading docks and stairs</li> <li>• Excellent anti-skid coating for worn diamond plate steel/stairs</li> <li>• Authorised by USDA for use in federally inspected meat and poultry plants</li> </ul>	

### PRODUCT DATA

Typical Physical Properties	Colour	Black		
	Mix Ratio by Volume	2.2:1		
	Mix Ratio by Weight	2.8:1		
	% Solids by Volume	100		
	Pot life at 25°C/ mins	35		
	Specific Volume CC/Kg	336		
	Cured Shrinkage cm/cm	N/A		
	Specific Gravity (complete kit)	2.98, (mixed liquids 1.16)		
	Temperature resistance / °C	Max 120°C		
	Coverage	7.8m <sup>2</sup> /Unit @ 0.4mm		
	Cured Hardness / Shore D	85		
	Thickness of Coat / mm	0.4mm		
	Functional Cure Time /Hours	8		
	Recoat Time /Hours	N/A		
Mixed Viscosity /cps (where applicable)	2,000			
Chemical Resistance	<b>7 days room temperature cure (30 days) - Testing carried out 30 days immersion at 21°C</b>			
	Ammonia	Fair	Methylene Chloride	Poor
	Cutting Oil	Very Good	Sodium Hypochlorite 5% (Bleach)	Very Good
	Isopropyl Alcohol	Poor	Sodium Hydroxide 10%	Excellent
	Gasoline (Unleaded)	Very Good	Sulphuric Acid 10%	Very Good
	Hydrochloric Acid 10%	Very Good	Xylene	Very Good
	Methyl ethyl Ketone (MEK)	Poor		
	Excellent = +/- 1% weight change			
	Very Good = +/- 1-10% weight change			
	Fair = +/- 10-20% weight change			
Poor = > 20% weight change				



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## Floor Grip

### **APPLICATION INFORMATION**

Cure	Functional cure on a typical ~0.5mm thick section is achieved in 8 hours with a full cure resulting after 16 hours at 25 C. Cure is temperature dependant and as such cure time is increased with reduced temperature and conversely reduced with increased temperature.
Surface Preparation	<p>Proper surface preparation is essential to the success and performance of Devcon Floor Grip. In all cases, the application surface must be sound, rough, clean, oil-free and dry.</p> <p><b>New poured concrete</b> should be allowed to cure fully (28 days @ 21°C) prior to application. If a curing membrane was used, it must be removed, by sanding or etching with a strong detergent. If no curing membrane was used, the surface should be etched using an environmentally safe acid etch.</p> <p><b>Old concrete</b> application procedures are the same as for new concrete, except it is essential to thoroughly clean the surface. Use Devcon Fast Cleaner 2000 Spray/Cleaner Blend 300 to remove grease and oils. All loose or unsound concrete should be removed by suitable mechanical means such as chipping, scarifying, shot blasting, sanding or grinding.</p> <p><b>Previously coated concrete</b> applications should be considered short term because the coating system is only as strong as the weakest component in the system. Paint that is peeling or degrading in any way should be removed completely by sanding or using paint stripper. If the paint is intact, the surface should be cleaned thoroughly with a strong detergent and sanded lightly to remove the gloss. Any areas where the finish has worn down to the original concrete should be treated as bare concrete.</p> <p>To ensure that Floor Grip will bond to the old surface, a spot test should be made. Mix a small quantity of the epoxy resin and hardener and apply the compound to a small, clean test area. The old paint may wrinkle or lift off. If it doesn't, wait 5 days and test the bond strength of the application by scraping with a sharp instrument, or use the pressure-sensitive tape test as follows: cut an X into the surface, place the tape firmly over the cut and remove the tape with a hard, fast pull. If the coating fails either test, remove the old finish by sanding or by using a paint stripper.</p>
Mixing	If mixing indoors, adequate ventilation should be made available. Pour the hardener into the resin pail and mix for around 2 minutes, being careful to mix material from bottom and sides of the container.
Application	The product should be applied immediately after mixing. Pour the mixed material over the surface and spread it uniformly with a trowel. The compound can also be applied with a brush or roller. After spreading a small quantity of the compound over the floor, sprinkle silicon carbide granules over the surface. Work quickly. Brush away excess granules the following day after the Floor Grip has cured.
Shelf life & Storage	A shelf life of 3 years from date of manufacture can be expected when stored at room temperature (22°C) in their original containers.
Precaution	For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.
Warranty	ITW Devcon will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.
Disclaimer	<p>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.</p> <p>For product information visit <a href="http://www.bigagroup.com">www.bigagroup.com</a> / <a href="http://www.devconeurope.com">www.devconeurope.com</a> alternatively for technical assistance please call +385 52 880 882 or send an e-mail to <a href="mailto:biga@biga.hr">biga@biga.hr</a>.</p>



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