

SLIPGrip®

Step & Ramp Paint



DESIGN

SUPPLY

FABRICATE

INSTALL



Our SlipGrip® Step and Ramp Paint is our most slip resistant anti slip paint, providing a heavy duty and extremely effective solution for slippery slopes, steps and ramps.

It has a coarse textured semi-gloss epoxy resin that means the paint can take constant foot traffic.

COLOURS



CHARACTERISTICS

- Tough, coarse, anti slip floor finish for areas that are wet and prone to oil spills
- Positive traction for pedestrians and heavy forklift traffic
- Cures within 8 hours to withstand light traffic
- Superior performance demonstrated by ISO testing to CE Mark EN1504-2
- Only one coat is necessary.

SUITABLE APPLICATIONS

- ✓ Floors
- ✓ Steps
- ✓ Ramps
- ✓ Walkways
- ✓ Around dangerous machinery
- ✓ Loading bays etc.

TECHNICAL DATA

Coverage:	5m ² per pack
Components:	1 x curing agent, 1 x resin and 1 x anti slip particles
Finish:	Heavily textured, glossy
Number of Coats:	1
Shelf Life:	12 months in unopened containers
Thickness:	160 microns
Pot Life:	Up to 2 hours at 20°C
Mix Ratio:	100 parts curing agent, 40 parts resin
Curing Times:	Approx. 20 hrs at a temperature range between 15°C to 20°C Approx. 36 hrs at a temperature range of 10°C to 15°C. At temperatures below 10°C, curing time needs to be extended to several days.
Storage:	15°C-25°C for at least 8 hours before use.

Chemical Resistance:	The cured surface will resist spillages from (at 25°C) including: Paraffin, fuel oils, 10% nitric, sulphuric and hydrochloric acids, sugar solutions, oxalic acid, citric acid, salt solutions, caustic soda, hypochlorite solutions, petrol alcohols.
Tool Cleaning:	Unfortunately applicators won't be cleanable after use. For unwanted splashes, white spirit or similar should be used.
Please check that the product is fully cured before bringing the area back into use. Please note that the surface should be protected from water (including heavy condensation) until fully cured. Full chemical resistance takes 7 days. During this sensitive period please don't wash the surface (not even with water) and don't subject it to strong sunlight.	

PREPARATION

- ✓ Ensure the surface is clean, dry, and free from wax, oil, food residue or any other substance likely to affect the application of the paint. Grease and oil should be removed with our SlipGrip® Standard Degreaser. Previously painted surfaces should be roughened slightly using sanding material. New concrete should be left at least 28 days before applying the paint.
- ✓ No primer is required, however if you are applying to concrete, and you feel the surface needs a more smooth, porous key, you can apply our SlipGrip® Concrete Keying Etchant to neutralise any remaining alkalinity in the cement and to remove further dirt and laitance (weak, dusty cement particles).
- ✓ If you are painting metal, remove any flakes by using a wire brush or similar, and then remove any oil or grease with our SlipGrip® Standard Degreaser. For galvanised metal, a galvanised surface primer is recommended before painting. We also recommend patch testing a small trial area first in areas where appearance is critical. Apply the coating as soon as you have prepared the surface. Only apply SlipGrip® Step & Ramp Paint once the metal has dried. Not recommended for use on galvanised metal unless you first use a galvanised surface primer.





HANDLING & STORAGE

Keep in a cool, dry place away from full sunlight.



These instructions are to be used as a guide. Always employ safe practices. It is recommended to first test the suitability of any product on a small area before carrying out a full application.

APPLICATION

1. 	SlipGrip® Step and Ramp Paint consists of a small tin of resin, a small tin of hardener, and a pack of aggregate all packed within one large outer tin. Pour the resin and hardener into the large outer tin and mix together until there is a consistent colour. Our Paint Mixer is best used for this. Do not mix in the aggregate, this is rolled in at the end.
2. 	It is recommended that you start at the edges of the area you are painting first using a paint brush. As you paint, the aggregate should be immediately sprinkled evenly onto the wet coating. Do not exceed a surface area of 5 metres ² per tin. Using our 12" Roller (or any pile-type roller), apply the mixed resin and hardener by roller to a measured area of 5m.
3. 	Then, immediately sprinkle the anti-slip aggregate uniformly onto the wet coat.
4. 	Finally, using the same roller that was used to apply the mixed resin and hardener roll over the sprinkled aggregate to bed in and cover the anti-slip aggregate. It is not normally necessary to re-charge the roller with mixed resin unless very heavy quantities of grit have been applied.

Mixing and Application

1. Individually stir the resin and curing agent using a FibreGrid Paint Mixer, (or a wooden batten at least 25mm wide is ideal).
2. Pour the mixed components into the larger outer tin and stir thoroughly until uniform in colour.
3. Pour the mixed resin and curing agent into a shallow roller tray.
4. Apply the mixed resin and curing agent by medium pile roller (not foam) to a measured area of 5m². A paint brush may be used for cutting in around the edges.
5. Immediately sprinkle the anti slip aggregate, uniformly, onto the wet coat to obtain the desired surface finish (total or light coverage).
6. Using the same roller that was used to apply the mixed resin and curing agent, roll over the sprinkled aggregate to bed in. Do not re-charge the roller with mixed resin and curing agent unless very heavy quantities of grit have been applied, since this will result in a loss of slip resistance.
7. Avoid washing the surface for 7 days after application

DRYING TIMES

Drying Time	Recoat Time	Touch Dry	Light Traffic	Heavy Traffic
10°C	16 hours	12 hours	24 hours	36 hours
20°C	12 hours	6 hours	16 hours	24 hours
30°C	8 hours	4 hour	12 hours	24 hours

Light Traffic: Foot, trolley, pallet truck, occasional forklift. Heavy Traffic: Regular forklifts, heavy footfall, parked vehicles

CLEANING

Do regularly inspect the surface to make sure it is fit for purpose and free from dirt, grime, grease and anything else. Brush off with a medium broom or light scrubbing machine. Use detergents as you see fit.

Do not steam clean or subject to temperatures above 45°C.

If an area needs repairing, just apply more SlipGrip® Step & Ramp Paint.

If in doubt, call us on 01440 712722 for expert friendly advice.

STANDARD COMPLIANCE

1.	EN 1504-2	This mark indicates that a coating has passed all the tests required to carry a CE mark.
2.	BREEAM COMPLIANT	
3.	VOC LEVEL	<30g/litre LOW
4.	ISO 16000 A+	The 'Loi Grenelle' measurement of the effect of a product's VOC level within a building. A+ is the top safety rating.
5.	REACH COMPLIANT	

TEST RESULTS

Abrasion Resistance ISO 5470-1 163mg:	Taber test method expresses results in mg on a scale between 0mg (highest resistance) and 3000mg (lowest). A reading below 3000mg is a CE mark pass.
Impact Resistance ISO 6272 CLASS 1:	Impact is expressed as Newton metres. Greater than 4 Nm is a CE mark pass. Class 1 > 4Nm Class 2 > 10Nm Class 3 > 20Nm
Scratch Resistance ISO 4586-2 7N:	Scratch resistance is measured using a Sclerometer and the resistance is measured in Newtons. 1N is the lowest resistance, 20N the highest.
ADHESION ISO 2409 CLASS 0:	Cross-Cut Test method. Class 0 is highest adhesion, Class 5 is lowest.
ADHESION EN 1542 3.3 MPa/Nmm2:	Adhesion is expressed in MegaPascals (MPa) or Newton millimetres squared (Nmm2). Greater than 2 MPa is a CE mark pass. >2MPa (Nmm2)= test pass
Wolff-Wilborn Hardness Test 8H:	Also known as the 'pencil test', a 9H reading is the measure of a hardest coating, HB is the softest.
Flexibility ISO 1519 8mm:	Flexibility is measured using a Mandral Flex Tester, 2mm is the most flexible, 36mm the least.
Water Permeability EN 1062-3:	To achieve a CE mark, the measurement must be less than 0.1 kg/m2(24 h)0.5 CE Marking Critical Value: < 0.1kg/m²/(24 h)0.5
Slip Resistance BS7976-2 69 PTV	The Pendulum Test Value (PTV) is measured in wet conditions. A number above 36 indicates a 'low slip potential'. High: 0-24 PTV Moderate: 25-35 PTV Low: 36+ PTV



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