

SLIPGrip®

Car Park Paint



DESIGN

SUPPLY

FABRICATE

INSTALL



FIBREGRID

Our SlipGrip® Car Park Paint is a flexible, anti slip coating which transforms and brightens up asphalt, tarmac, and bitumen. It offers a good degree of slip resistance with just one high build application.

The paint contains a pre-blended aggregate which provides a finely textured slip resistant surface. It leaves a more uniform and easily cleaned finish than conventional anti slip coatings where grit is sprinkled on separately.

In addition to car parks it has many other uses, such as tennis courts, walkways and general markings.

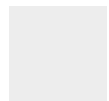
CHARACTERISTICS

- Anti slip, flexible water based acrylic
- UV resistance
- Can be applied to damp surfaces
- High slip resistance with just a single coat
- Interior or External Use

SUITABLE APPLICATIONS

- ✓ Concrete
- ✓ Walkways
- ✓ Line marking
- ✓ Playgrounds
- ✓ Tennis courts
- ✓ Private asphalt Driveways.

COLOURS



Light Grey



Mid Grey



Safety Blue

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.

TECHNICAL DATA

Coverage:	15-20m ² per 5L per coat
Components:	1
Finish:	Coloured, matt, anti slip
Number of Coats:	1
Dry Film Thickness:	140 microns
Wet Film Thickness:	200 microns
Shelf Life	12 months in unopened containers
Mix Ratio	n/a
Pot Life:	Up to 2 hours at 20°C
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.

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.

DRYING TIMES

Drying Time	Recoat Time	Touch Dry	Light Traffic	Medium Traffic
10°C	16 hours	8 hours	48 hours	72 hours
20°C	6 hours	4 hours	24 hours	48 hours
30°C	3 hours	2 hour	12 hours	24 hours




Light Traffic: Foot. Medium Traffic: Cars, trolley or pallet truck

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).
- ✓ For best results, the floor temperature should be at least 15°C. We do not recommend this product for use on metal or latex levellers.
- ✓ We also recommend patch testing a small trial area first in areas where appearance is critical.

New asphalt & tarmac	Existing bare asphalt & tarmac	Damp surfaces
Should be sound and at least 3 months old. If any residual oils remain, the surface should be washed using FibreGrid Standard Degreaser.	Remove any grease or oil deposits using FibreGrid Standard Degreaser.	This coating can be applied to residual damp which may remain after cleaning.
Bare concrete	New concrete	Painted surfaces
Remove surface laitance, dust and any light dirt or grease deposits using FibreGrid SlipGrip® Concrete Keying Etchant. SlipGrip® Concrete Keying Etchant also etches smooth, bare concrete surfaces to provide a key. Flush with cleanwater and allow surface to dry. For the removal of heavier deposits of oil and grease we recommend FibreGrid Standard Degreaser again, flush with clean water and allow the surface to dry.	As a guide, new concrete should be left for four weeks to dry in the summer and six in the winter. The surface should then be prepared using FibreGrid SlipGrip® Concrete Keying Etchant and thoroughly rinsed away and left to dry prior to applying this coating.	Abrade to remove any weak or loose paint. Check remaining paint is well bonded. Very smooth, glossy paint should be lightly abraded to provide a key. FibreGrid Standard Degreaser can be used to remove grease and oil from painted surfaces.
Priming		
One coat is generally sufficient. On very porous or open textured surfaces, two coats may be required. The first coat will act as a 'priming coat' and may be diluted with up to 10% water to assist with application.		

APPLICATION

1. 	Stir the paint thoroughly and do not thin, however in very hot weather, (25°C+); up to 10% water may be added to make application easier.
2. 	Apply by roller and work well into the surface. It can be applied by brush but this may result in reduced coverage. Avoid applying the paint too thickly as this encourages water to puddle on the surface and as such may become slippery. If a second coat is required, apply it as soon as the first coat is dry (generally 6 hours), and within 5 days of applying the first coat. If more than 5 days elapse, the first coat should be lightly abraded before the second coat is applied.
3. 	Avoid washing the surface for 7 days.

CLEANING

Clean applicators in warm soapy water before the paint starts to dry.

STORAGE

Keep in a cool, dry place away from full sunlight for at least 8 hours prior to use.

LIMITATIONS

Not recommended for use on concrete used by vehicles (see instead our SlipGrip Heavy Duty Anti Slip Paint). Our SlipGrip Anti Slip Asphalt Car Park Paint is intended as a decorative finish only, and will not bind or fill weak or defective asphalt surfaces. Do not apply in areas which will be constantly under water. Do not apply too thickly. If the crevices and texture of the asphalt are filled with paint, this can prevent water draining which may result in a slip hazard.



If you apply SlipGrip® Car Park Paint onto a surface that doesn't drain well, then it could, potentially, become a slip hazard. We recommend you don't use the product in areas that are prone to being under water.

TEST RESULTS

Abrasion Resistance ISO 5470-1 333mg:	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 3:	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 7H:	Also known as the 'pencil test', a 9H reading is the measure of a hardest coating, HB is the softest.
Flexibility ISO 1519 2mm:	Flexibility is measured using a Mandral Flex Tester, 2mm is the most flexible, 36mm the least.
Gloss Value Rating 4:	Rating is a 'Gloss Unit' measured on an Optical Glossmeter. Matt 0-10%, Low Sheen 10-25%, Eggshell 26-40%, Semi-Gloss 41-69%, Gloss 70-85%, High Gloss +85%

Water Permeability EN 1062-3:	To achieve a CE mark, the measurement must be less than 0.1 kg/m ² (24 h)0.5 CE Marking Critical Value: < 0.1kg/m ² /(24 h)0.5
Slip Resistance BS7976-2 52 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

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	very low 10g/Litre
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	



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