

## FibreGrid SlipGrip® Standard Anti Slip Floor Paint



### Product Description

Our SlipGrip® Standard Anti Slip Floor Paint is a one part satin finish anti slip concrete floor paint for low to medium traffic areas.

This polyurethane paint has the anti slip aggregate already in the mixture, so you won't need to sprinkle grit onto wet paint. This also gives you a much more even finish than 'sprinkle-on' paint.

This attractive, hard-wearing coating is easy to apply and dries quickly to provide a low maintenance, tough, oil resistant finish.

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## Characteristics

- Easy to apply with a one part formula - no aggregate mixing required
- Dries within 12 hours
- Excellent slip resistance
- Satin finish



## Suitable Applications

- Warehouses
- Garages
- Showrooms
- Factories
- Schools



## Technical Data

Coverage:	20m <sup>2</sup> per 5l tin (with two coats)
Finish:	Anti slip
Colours:	Light Grey Mid Grey Mid Blue Safety Yellow
Recommended No. of coats:	2
Dry film thickness:	80 microns
Wet film thickness:	120 microns
Application Tools:	Medium pile roller. Cut in using a brush
Min application temp (°C):	Air temperature 15°C, floor temperature 10°C
Shelf life:	12 months in unopened container
Mix ratio:	100 parts curing agent, 132 parts resin
Curing times:	Approx. 20 hrs at 15°C to 20°C Approx. 36 hrs at 10°C to 15°C Below 10°C, curing time needs to be extended to several days
Storage:	15°C to 25°C for at least 8 hours before use. Do not allow to freeze
Chemical resistance:	The cured surface will resist spillages at 25°C from: Paraffin, fuel oils, 10% nitric, sulphuric and hydrochloric acids, sugar solutions, oxalic acid, citric acid, salt solutions, caustic soda, hypochlorite solutions, petrol alcohols.
Cleaning:	White spirit for tools. Mild, neutral detergent for application. Do not steam clean.

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 do not wash the surface (even with water) or subject it to strong sunlight.

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## Test Results

### **Abrasion Resistance (ISO 5470-1) = 127mg:**

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) = 3.25 MPa/Nmm<sup>2</sup>:**

Adhesion is expressed in MegaPascals (MPa) or Newton millimetres squared (Nmm<sup>2</sup>).

Greater than 2 MPa is a CE mark pass.

>2MPa (Nmm<sup>2</sup>)= test pass

### **Wolff-Wilborn Hardness Test = 9H:**

Also known as the 'pencil test', a 9H reading is the measure of a hardest coating, HB is the softest.

### **Gloss Value Rating = 92 - High Gloss:**

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) = W<sub>3</sub>:**

To achieve a CE mark, the measurement must be less than 0.1 kg/m<sup>2</sup>(24 h)0.5

CE Marking

Critical Value: < 0.1kg/m<sup>2</sup>/(24 h)0.5

W<sub>1</sub> is the lowest, W<sub>3</sub> is the highest.

### **Flexibility (ISO 1519) = 2mm:**

Flexibility is measured using a Mandral Flex Tester, 2mm is the most flexible, 36mm is the least.

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## Slip Resistance Values

Measured using the Pendulum test method (WF rubber slider)  
- certificate available on request.

The UK Slip Resistance Group guide to slip resistance  
of a floor for able bodied pedestrians:

Top Surface	PTV Reading
Recommended dual coat	59

Four S Pendulum Value	Potential for Slip
Above 65	Extremely Low
35 to 65	Low
25 to 35	Moderate
25 and Below	High

## 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).

We also recommend patch testing a small trial area first in areas where appearance is critical.

## Application

The paint should be thoroughly stirred and must not be thinned. Apply by roller and work well into the surface. Use a paint brush for edges. Avoid applying the paint too thickly. The second coat can be applied as soon as the first coat is dry (generally 16 hours), and should be applied within 5 days. If more than 5 days elapse, the first coat should be lightly abraded before the second coat is applied. Avoid washing the surface for 7 days.

### Drying Times

Temp	Recoat	Touch Dry	Light Traffic	Full Use
10°C	24 hours	16 hours	48 hours	72 hours
20°C	16 hours	10 hours	24 hours	36 hours
30°C	16 hours	6 hours	24 hours	36 hours

Light Traffic: Footfall, trolley, pallet truck, occasional forklift.

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## General Maintenance

### Safety

If you apply SlipGrip® Standard Anti Slip Floor 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.

### Storage

Store in a cool, dry place away from sunlight.

### Shelf Life

12 months if unopened



## Standard Compliance

### EN 1504-2: CE

This mark indicates that a coating has passed all the tests required to carry a CE mark.

### BREEAM COMPLIANT

### VOC LEVEL: 450g/Litre - HIGH

### 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.

### REACH COMPLIANT

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