

SlipGrip® Standard Anti Slip Floor Paint



Product Description

Our SlipGrip® Standard Anti Slip Floor Paint is a satin finish anti slip concrete floor paint that is easy to apply. It is ideal for low to medium traffic areas.

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

It is suitable for internal concrete floors in warehouses, garages, showrooms, factories, schools.



Colours Available

Safety Yellow, Light Grey, Mid Grey, Mid Blue.



Product Characteristics

- 5 litres tin size
- Satin finish
- Coverage approximately 20 metres² (with two coats)
- Quick drying time
- PTV 59: Low slip potential
- Variety of substrates including concrete, wood, metal and any other porous substrates
- Dries within 12 hours
- Ready to use straight from the tin
- Easy to clean



Technical Data

Coverage:	20m ² per 5L tin (with two coats)
Componets:	1
Finish:	Coloured, high gloss smooth or anti slip
Colours	Light Grey, Mid Grey, Mid Blue and Safety Yellow
Number of Coats:	2
Dry Film Thickness	80 microns
Wet Film Thickness	120 microns
Pot Life:	Up to 2 hours at 20°C
Shelf Life:	12 months in unopened containers
Mix Ratio:	100 parts curing agent, 132 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. Do not allow to freeze.
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).

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



Application

We recommend you test first on a small area.

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 Time	Recoat Time	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: Foot, trolley, pallet truck, occasional forklift.



General Maintenance

Tool Cleaning

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

Storage

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

Safety First

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.



Technical Data

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.

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:

To achieve a CE mark, the measurement must be less than $0.1 \text{ kg/m}^2(24 \text{ h})0.5$

CE Marking

Critical Value: $< 0.1 \text{ kg/m}^2/(24 \text{ h})0.5$

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

Flexibility ISO 1519 2mm:

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



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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