

# Concrete Floor Paint

## Concrete Floor Paint Anti Slip

## Concrete Floor Paint Matt

## Concrete Floor Paint Matt Anti Slip



### Single pack coating for light traffic concrete floors

Our unique formula based on a blend of ceramic, 'diamond hard' wax and polyurethane resin, has produced a 'Best in Class' single pack paint for general use.









All grades have impressive test results for abrasion, scratch and impact resistance, as well as for adhesion, hardness and flexibility.

All tests have been undertaken to ISO standard where applicable and demonstrated this 'Best Ever Formulation' to be four times more scratch resistant than previously, twice as hard wearing and with 50% improved adhesion.

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

Concrete Floor Paint Matt helps to disguise imperfections in older floors and reduce reflection or glare. It's still easy to keep clean and has all the benefits of the high gloss finish. Watco Concrete Floor Paint Anti Slip provides a good level of slip resistance to ensure safety underfoot. For an anti slip and matt finish, Concrete Floor Paint Matt Anti Slip is the perfect combination of safety and an attractive finish for imperfect surfaces.

#### Colours

 Mid Blue 5015	 Zinc Yellow 1018	 Squirrel Grey 7000
 Dark Grey 7015	 Mid Grey 7037	 Light Grey 7038
 Telegrey 2 7046	 Pure Green 6037	



Samples are available on request. While great care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.

#### Areas of use:

- Production areas
- Warehouses
- Workshops
- Data centres
- Shop floors, store rooms & stairs
- Utility and plant rooms

#### Features:

- Professional quality, single pack polyurethane coating
- Transforms and dustproofs drab, stained concrete
- Ideal for identifying production and storage areas and traffic aisles
- Easy to use and easy to keep clean
- Superior performance demonstrated by ISO testing
- High Gloss, Matt & Anti Slip versions available
- All versions available in 190 RAL colours

### Need help? Speak to the experts

Our dedicated and professional team are here to help you get the best results for your project. They will talk you through the preparation and application stages when using **Concrete Floor Paint**.

Call our expert team on: **01483 418 418** (Weekdays 8:00am - 5:30pm. Saturday 9:00am - 12:00pm)



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## 1 Surface Preparation

**Bare Concrete** – remove surface laitance, dust and any light dirt or grease deposits using Watco Etch & Clean. Watco Etch & Clean also etches smooth, bare concrete surfaces to provide a key. Flush with clean water and allow the surface to dry. For the removal of heavier deposits of oil and grease, we recommend Watco Concroff. Again, flush with clean water and allow the surface to dry.

**New Concrete** – 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 Watco Etch & Clean and thoroughly rinsed away and left to dry prior to applying this coating.

**Priming** – is not usually required but for very porous high suction surfaces (such as sand and cement screed) use Watco 4 Hour Epoxy Primer. Concrete should be sufficiently porous to allow the paint to penetrate. Very smooth or power floated concrete is unsuitable unless first primed with Watco Powerfloat Primer.

**Painted Surfaces** – 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. Watco Bio-D can be used to remove grease and oil from painted surfaces. Watco Concroff is a very powerful degreaser for contaminated bare concrete (do not use on a previously painted surface since it can soften paint).

## 2 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.

If applying Concrete Floor Paint Anti Slip or Concrete Floor Paint Matt Anti Slip, immediately sprinkle the anti slip aggregate, uniformly, onto the wet coat to obtain the desired anti slip surface finish (total or light coverage). This applies to all colours except Light Grey and Mid Grey which are pre-blended.

## 3 Safety

Material Safety Data Sheets are available.

## 4 Ordering

Available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale. The Company and its representatives are often asked to comment on potential uses of Watco products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.

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## Specification

<b>Composition</b>	Solvent based, polyurethane.
<b>Number of Components</b>	Concrete Floor Paint Gloss and Matt: 1. Concrete Floor Paint Anti Slip & Concrete Floor Paint Matt Anti Slip: 2
<b>Finish</b>	Coloured, high gloss or matt, smooth or anti slip.
<b>Primer Required</b>	See 'surface preparation' on P.2
<b>Number of Coats</b>	2
<b>Dry Film Thickness</b>	80 microns.
<b>Wet Film Thickness</b>	120 microns.
<b>Usage Interior/Exterior</b>	Interior and exterior.
<b>Application Tools</b>	Medium pile roller. Cut in using a brush.
<b>Minimum Application Temperature</b>	Air temperature 15°C Floor temperature 10°C
<b>Suitable For</b>	Concrete, wood, most metals, existing well bonded paint. The moisture content of concrete should be less than 75% RH.
<b>Coverage</b>	40m <sup>2</sup> per coat.
<b>Cleaning Tools</b>	White Spirit.
<b>Shelf Life</b>	24 months in unopened container.
<b>Cleaning</b>	Mild, neutral detergent. Do not steam clean.
<b>Storage</b>	Between 15°C-25°C for at least 8 hours prior to use. Do not allow to freeze.
<b>Principle Limitations</b>	This coating is not recommended for areas where cars may stand for long periods.
Please contact us regarding applications not described here.	In common with single pack paints of this type, a reaction can take place between the car tyres and the paint, leading to delamination – in such cases we recommend a two pack epoxy system such as Watco Epoxy Gloss Coat. It is also unsuitable for most self-levelling compounds (please ask for details) and areas subject to rising damp.

## DRYING TIME

	Recoat Time	Touch Dry	Light Traffic	Medium Traffic
10°C	16 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: Pedestrian foot traffic Medium Traffic: Cars, trolley, pallet truck

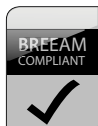
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## Test Results

<p><b>ABRASION RESISTANCE ISO 5470-1</b> 127mg</p>	<p><b>Abrasion Resistance ISO 5470-1</b></p> <p>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.</p>	<p>3000mg → 0mg Lowest → Highest</p>	<p><b>FLEX ISO 1519</b> 2mm</p>	<p><b>Flexibility ISO 1519</b></p> <p>Flexibility is measured using a Mandral Flex Tester, 2mm is the most flexible, 36mm the least.</p>	<p>36mm → 2mm Lowest → Highest</p>
<p><b>IMPACT RESISTANCE ISO 6272</b> CLASS3</p>	<p><b>Impact Resistance ISO 6272</b></p> <p>Impact is expressed as Newton metres. Greater than 4 Nm is a CE mark pass.</p>	<p>Class 1 &gt;4Nm Class 2 &gt;10Nm Class 3 &gt;20Nm</p>	<p><b>GLOSS VALUE</b> High Gloss: 92 Matt: 4</p>	<p><b>Gloss Value</b></p> <p>Rating is a 'Gloss Unit' measured on an Optical Glossmeter.</p>	<p>Matt 0-10%, Low Sheen 10-25%, Eggshell 26-40%, Semi-Gloss 41-69%, Gloss 70-85%, High Gloss +85%</p>
<p><b>SCRATCH RESISTANCE ISO 4586-2</b> 7N</p>	<p><b>Scratch Resistance ISO 4586-2</b></p> <p>Scratch resistance is measured using a Sclerometer and the resistance is measured in Newtons. 1N is the lowest resistance, 20N the highest.</p>	<p>1N → 20N Lowest → Highest</p>	<p><b>CHEMICAL RESISTANCE</b> LIMITED</p>	<p><b>Chemical Resistance</b></p>	<p>Resists short term spillages of oils, grease, diesel and White Spirit.</p>
<p><b>ADHESION ISO 2409</b> CLASS1</p>	<p><b>Adhesion Test ISO 2409</b></p> <p>Cross-Cut Test method. Class 0 is highest adhesion, Class 5 is lowest.</p>	<p>Class: 5 → 4 → 3 → 2 → 1 → 0 Lowest → Highest</p>	<p><b>WATER PERMEABILITY EN 1062-3</b> W<sub>3</sub></p>	<p><b>Water Permeability EN 1062-3</b></p> <p>To achieve a CE mark, the measurement must be less than 0.1 kg/m<sup>2</sup>(24 h)0.5</p>	<p>CE Marking Critical Value: &lt; 0.1kg/m<sup>2</sup>(24 h)0.5 W<sub>1</sub> → W<sub>2</sub> → W<sub>3</sub> Lowest → Highest</p>
<p><b>ADHESION EN 1542</b> 3.25MPaNmm<sup>2</sup></p>	<p><b>Adhesion Test EN 1542</b></p> <p>Adhesion is expressed in MegaPascals(MPa) or Newton millimetres squared(Nmm<sup>2</sup>). Greater than 2 MPa is a CE mark pass.</p>	<p>&gt;2MPa (Nmm<sup>2</sup>) = test pass</p>	<p><b>SLIP RESISTANCE BS7976-2</b> 66 PTV (Anti Slip)</p>	<p><b>Slip Resistance BS7976-2</b></p> <p>The Pendulum Test Value (PTV) is measured in wet conditions. A number above 36 indicates a 'low slip potential'.</p>	<p>High: 0-24 PTV Moderate: 25-35 PTV Low: 36+ PTV</p>
<p><b>HARDNESS</b> 9H</p>	<p><b>Wolff-Wilborn Hardness Test</b></p> <p>Also known as the 'pencil test', a 9H reading is the measure of a hardest coating, HB is the softest.</p>	<p>HB → 9H Least Hard → Hardest</p>			

## Standard Compliance

**BREEAM COMPLIANT**  
(for refurbishment)



**VOC LEVEL**



**ISO 16000**

The 'Loi Grenelle' measurement of the effect of a product's VOC level within a building. A+ is the top safety rating.



**REACH COMPLIANT**

