



## CARBOGRIP FLOOR PAINT

<b>Product Description</b>	Carbogrip Polyurethane Anti-Slip Floor Paint is a textured hard wearing, single pack floor paint. Provides a tough, durable finish and is a great, high performance coating for internal floors. Suitable for use on mature concrete, wood, metal and sound previously painted surfaces. Containing unique micronized waxes, with carefully controlled particle size to provide a uniform textured surface to reduce the risk of slipping.			
<b>Recommended Uses</b>	<ul style="list-style-type: none"> <li>Production Areas - Garages / Workshops - Warehouse / Factories</li> </ul>			
<b>VOC Content &amp; Compliance</b>	459 + 20 g/litre (may vary with colour) 2004/42/EC (2012)* sub-category (i) - VOC level below 500 g/l.			
<b>Finish</b>	Semi-Gloss			
<b>Volume Solids</b>	44 ± 2%			
<b>Pack Sizes Available</b>	2.5L, 5L, 20L, 205L.			
<b>Film Thickness &amp; Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>
	<b>Minimum</b>	35 µm	80 µm	12.5 m <sup>2</sup> /litre
Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.				
<b>Minimum Application Temperature</b>	Air temperature 15°C		Floor temperature 10°C	
<b>Drying &amp; Overcoating Times</b>	Applied to 30 microns DFT		<b>+10°C</b>	<b>+20°C</b>
	<b>Touch Dry</b>		16 hr	6 hr
	<b>Foot Traffic</b>		48 hr	24 hr
	<b>Full Use</b>	Minimum	72 hr	36 hr
	<b>Overcoating</b>	Maximum	24 hr	16 hr
Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. The moisture content of concrete should be less than 75% RH.				
<b>Colour Range</b>	Light Grey, Mid Grey, Ad Grey, Tile Red, Light Brunswick Green, Dark Green, Safety Red, Safety Yellow, Mid Blue, Black, White, Ral Classic and British Standard 4800 & 381 C - other colours on request. For colour code references please contact us.			
<b>Product Code</b>	2.5L-P322, 2.5L-P332, 5L-P323, 5L-P333, 20L-P324, 5L-P334, 205L-P325L.			
<b>Specific Gravity</b>	1.01 – 1.75 kg/lit (varies with colour)			
<b>Storage Conditions</b>	Between 15°C - 25°C for at least 12 hours prior to use. Do not allow to freeze.			
<b>Shelf Life</b>	Minimum 2 years if stored as above in unopened containers			
<b>Flash Point</b>	Above 38°C (closed cup)			
<b>Surface Preparation</b>	For porous unpainted mature concrete, firstly apply a coat of Pliocem Concrete Sealer, then two subsequent neat coats of Carbotread Floor Paint to enhance the performance of the coatings life cycle. On previously painted surfaces, ensure it is sound and non-flaking. Abrade the surface preferably by mechanical abrasion to provide a "key" and to maximise adhesion of the Floor Paint. For Heavy traffic areas use Palatine <b>Two Pack Epoxy Floor Paint</b>			
<b>Typical Viscosity</b>	3 - 5 Poise @ 25 °C			



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<b>Mixing</b>	Stir the paint with a drill stirrer or wooden baton at least 2" wide. Continue to stir during application.			
<b>Thinner</b>	White Spirit Equipment Cleaner: White Spirit			
<b>Application</b>	Apply preferably by roller and work well into the surface. Use a paint brush for cutting in. Avoid applying the paint too thickly to avoid "ponding". The second coat can be applied as soon as the first coat is dry after 16-24 hours), and should be applied within 3 days. If more than 3 days elapse, the first coat should be lightly abraded before the second coat is applied. Avoid washing the surface for 7 days. <b>New concrete</b> should be left for at least four weeks to dry in the summer and six weeks in the winter. The surface should then be prepared using Palatine concrete Etching solution. Clean and thoroughly rinse away and leave to dry prior to applying a primer or this floor paint.			
<b>Preceding Coat</b>	Very porous high suction surfaces or heavily dusting concrete, for optimal performance use <b>Pliocem Concrete Sealer</b> or thin first coat of floor paint with 10-15% of White Spirit			
<b>Subsequent Coat</b>	Not usually necessary, however Palatine Polyurethane Gloss will improve impact and scratch resistance. Also available in a Smooth finish			
<b>Application Methods</b>	<b>Method</b>	<b>Airless Spray</b>	<b>Conventional Spray</b>	<b>Brush</b>
		No	No	Yes
<ul style="list-style-type: none"> <li>• Application by brush can achieve up to 80 microns dft</li> <li>• When applying by roller, use a solvent resistant sleeve.</li> <li>• Avoid excessive film thickness as this will cause through-drying problems</li> </ul>				
<b>Product Notes</b>	This coating is not recommended for areas where cars may stand for long periods. In common with single pack paints of this type, a reaction can take place between the car tyres and the paint, leading to delamination. For concrete less than four weeks old prime with <b>Palatine Damp Proof Primer</b> . When cleaning is required Mild, neutral detergent. Do not steam clean or jet wash unless a moisture content of less than 7% can be achieved.			
<b>Health &amp; Safety</b>	Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from			

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Palatine Paints & Chemicals Limited  
55 Smallbrook Lane  
Leigh  
Lancashire  
WN7 5PZ  
TEL: 01942 884122  
sales@palatinepaints.co.uk