



CARBOTREAD FLOOR PAINT

Product Description	Carbotread Polyurethane Floor Paint is a smooth hard wearing, single pack floor paint. Provides a tough, durable finish and is a great, high performance coating for internal floors.			
Recommended Uses	Suitable for use on mature concrete, wood, metal and sound previously painted surfaces such as: <ul style="list-style-type: none"> • Production Areas • Garages / Workshops • Warehouse / Factories 			
VOC Content & Compliance	479 + 20 g/litre (may vary with colour) 2004/42/EC (2012)* sub-category (i) - VOC level below 500 g/l.			
Finish	Gloss			
Volume Solids	42 ± 2%			
Pack Sizes Available	2.5L, 5L, 20L, 205L.			
Film Thickness & Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Minimum	32 µm	80 µm	13.1 m ² /litre
	Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			
Minimum Application Temperature	Air temperature 15°C		Floor temperature 10°C	
Drying & Overcoating Times	Applied to 30 microns DFT	+10°C	+20°C	+30°C
	Touch Dry	16 hr	6 hr	3 hr
	Foot Traffic	48 hr	24 hr	24 hr
	Full Use	72 hr	36 hr	24 hr
	Overcoating	24 hr	16 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.			
Colour Range	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.			
Product Code	2.5L-P322, 2.5L-P332, 5L-P323, 5L-P333 , 20L-P324, 5L-P334 , 205L-P325L.			
Specific Gravity	1.01 – 1.75 kg/lit (varies with colour)			
Storage Conditions	Between 15°C - 25°C for at least 12 hours prior to use. Do not allow to freeze.			
Shelf Life	Minimum 2 years if stored as above in unopened containers			
Flash Point	Above 38°C (closed cup)			
Surface Preparation	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. For a more economical approach on porous surfaces, thin the first coat of Floor Paint with 10-15% of White Spirit and one neat coat. 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 Two Pack Epoxy Floor Paint			
Typical Viscosity	3 - 5 Poise @ 25 °C			



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Mixing	Stir the paint with a drill stirrer or wooden baton at least 2" wide. Continue to stir during application.				
Thinner	White Spirit		Equipment Cleaner: White Spirit		
Application	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. New concrete 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.				
Preceding Coat	Very porous high suction surfaces or heavily dusting concrete, for optimal performance use Pliocem Concrete Sealer or thin first coat of floor paint with 10-15% of White Spirit				
Subsequent Coat	Not usually necessary, however Palatine Polyurethane Gloss will improve impact and scratch resistance. Anti Slip option is available for this product.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	Yes	Yes
	<ul style="list-style-type: none"> • Airless Spray: Output fluid pressure at tip 2500-3500 psi, Tip Size 15-21 thou (0.38-0.53 mm) • Application by brush can achieve up to 80 microns dft • When applying by roller, use a solvent resistant sleeve. • Avoid excessive film thickness as this will cause through-drying problems 				
Product Notes	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 Palatine Damp Proof Primer . 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.				
Health & Safety	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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