

TECHNICAL DATA SHEET

TrimaFloor 2500

Single Pack WB Floor Paint

Description	A water based acrylic, single pack floor paint.		
Finish	Sheen.		
Features	<ul style="list-style-type: none"> • Can be used on concrete and asphalt surfaces. • Good resistance to oils, petrol, diesel, water and greases. • Developed for use on concrete garage floors. • Can be used as a line marking paint (replaces Firwood 2501). • Suitable for foot and light-to-medium traffic areas. • An anti-slip surface can be achieved by using TrimaFloor 204 aggregate (see details below). 		
Complies With	2004/42/EC (2012)* sub-category A(i) - VOC level below 140 g/l. TrimaFloor 2500 Grey has been tested to the following standards: <ul style="list-style-type: none"> • BS EN ISO 9239-1:2010 - Fire Tests for the determination of the burning behaviour of floorings, Part 1 Determination of the burning behaviour using a radiant heat source. • BS EN ISO 11925-2:2010 - Ignitability of building products subjected to a direct impingement of flame. Information on the test procedures and results are available from Trimite.		
Product Code	2500- .		
Volume Solids	39% ± 2% (may vary with colour).		
VOC's	Below 50 g/l.		
Colour Range	Green (RAL 6002); Grey (RAL 7042); White (RAL 9010); Red Oxide (RAL 3011); Yellow (RAL 1004); Black (RAL9005); (all shades approximate).		

Film Thickness & Coverage	Rec. Typical:	<u>Dry</u> 30 µm	<u>Wet</u> 77 µm	<u>Theo. Coverage</u> 13.0 m ² /l
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Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times at Rec. Min DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	3 h	1 h	45 m
	Hard Dry:	36 h	16 h	12 h
	Overcoat Min:	36 h	24 h	12 h
	Overcoat Max:	Indefinite	Indefinite	Indefinite

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

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Notes	<ul style="list-style-type: none">• Foot traffic can be allowed on the coated area after 16 hours, with parking of vehicles after at least 24 hours at 20°C.• Concrete floors are always several degrees colder than the ambient temperature, and on cold days, drying times will be extended.• Keep coated areas dry for a minimum of 24 hours following application. Slow drying is usually attributable to either low temperatures, or the application of excessively thick coats of paint.
Surface Preparation	<ul style="list-style-type: none">• All surfaces to be coated should be dry and cleaned as necessary to remove all contamination. Concrete:• Do not apply to newly laid concrete. Concrete surfaces to be coated should be at least 4 weeks old and have a moisture content of less than 7%.• It is recommended for optimum coating lifetime that laitance is removed before painting, by (ideally) vacuum blast cleaning (to produce a profile suitable for the coating thickness to be applied); grinding; or acid etching (to produce an open, granular surface). If acid etching, thoroughly wash down and allow to completely dry before coating.• Smooth, power-floated concrete surfaces do not provide good adhesion for painting, with coatings likely to detach after short periods. Smooth surfaces should ideally be treated as above, for laitance removal, to provide a good key for painting.• Previously painted surfaces: should be thoroughly abraded to improve adhesion, and any weak or loose old material must be removed. It is advisable to test the coating on a small area first, to check compatibility with, and adhesion to, the previous coatings.• Bare wood floors: sand down the wood surface where necessary to remove any loose material, and then remove all dust. Seal any knots with a clear knotting solution.
Mixing	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain a homogenous mix.
Mix Ratio	Not applicable – single pack product.
Application Conditions	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. Do not apply the product when the ambient temperature falls below 10°C. The paint temperature at the time of application should ideally be 15° - 20°C.

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Application Details	<ul style="list-style-type: none">• Designed for application by brush or roller• On bare concrete, thin the first coat by 10 - 20% to act as a sealer, before applying a full, unthinned coat.• On previously painted surfaces, and on bare wood, it is recommended to apply 2 thin coats, rather than one thicker coat, to give the best life and performance.• Do not apply over-thick coats, which will lead to slower drying and possibly wrinkling.• Anti-slip finish. <u>Method A:</u> apply the coating, and while it is still wet, sprinkle TrimaFloor 204 Anti-slip Aggregate onto the wet film, to the required density. When dry, sweep off loose aggregate and apply a further coat to seal-in the aggregate. <u>Method B:</u> add TrimaFloor 204 Anti-slip Aggregate to the can of paint before application, at the rate of 0.75 kg per 5 lt; then thoroughly stir, initially, and at regular intervals, to ensure even aggregate distribution during the whole application.
Thinner/Cleaner	Clean water.
SG	1.20 ± 0.1 kg/l (varies with colour).
Flash Point	23° – 60°C.
Shelf Life	Min. 1 year from date of delivery when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Dec 2023.

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