

Trimafloor 2700

WB Epoxy Floor Paint (previously called Firwood 2700)

Description	A two pack epoxy, water based gloss floor paint.			
Finish	Gloss			
Features	<ul style="list-style-type: none"> • Can be used on concrete, stone, asphalt, wood and steel surfaces. • Excellent resistance to chemicals, oils, water and greases. • Suitable for heavy duty areas using soft-wheeled equipment – metal or nylon wheels can cause rapid coating wear. (Also depends on the strength of the substrate e.g. if applied over old coatings, performance will depend on the strength and integrity of these existing coatings). • Withstands power washing when fully cured. • An anti-slip surface can be achieved - see details below. 			
Complies With	<ul style="list-style-type: none"> • 2004/42/EC (2012)* sub-category (j) - VOC level below 140 g/l. • The indoor air quality requirements of: <u>French regulation</u> of March 23, 2011 (décret DEVL1101903D) and of April 9, 2011 (arrêté DEVL1104875A). Class A+. <u>German Regs.</u> -DIBt (October 2010) and AgBB (June 2012) <u>Belgian Regs</u> - The tested product complies with the requirements of the Royal Decree for establishing threshold levels for the emissions to the indoor environment from construction products for certain intended uses (Draft December 2012). <p>Trimafloor 2700 Grey has been tested to the following standards:</p> <ul style="list-style-type: none"> • BS EN ISO 9239-1:2002 - Fire Tests for the determination of the burning behaviour of floorings. • BS EN ISO 11925-2:2002 - Ignitability of building products subjected to a direct impingement of flame. • BS EN 61340-5 – Resistance to Static Electricity is in the range of 105Ω and 1012 Ω, the material is static dissipative. <p>Information on the test procedures and results are available from Trimite.</p> <p>* The 'Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012', commonly referred to as 2004/42/EC.</p>			
Product Code	2700-			
Volume Solids	48% ± 2% (may vary with colour).			
VOC's	Below 50 g/l mixed.			
Colour Range	Green (RAL 6002); Grey (RAL 7042); White (RAL 9010); Red Oxide (RAL 3011); Yellow (RAL 1023); Brown (RAL 8012); plus special shades to order (all shades approx.).			
Film Thickness & Coverage	Rec. Typical:	<u>Dry</u> 60 µm	<u>Wet</u> 125 µm	<u>Theo. Coverage</u> 8.0 m ² /lt
Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.				

TECHNICAL DATA SHEET

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		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
Drying & Overcoating Times at Rec. Min DFT	Surface Dry:	24 h	12 h	6 h
	Hard Dry:	36 h	24 h	12 h
	Overcoat Min:	36 h	24 h	12 h
	Overcoat Max:	10 days	7 days	3 days

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.

Notes

- Foot traffic can be allowed on the coated area after 24 hours, and heavier traffic after 4 days 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

- 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 and asphalt:** 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. New asphalt should be sand rubbed when laid.
- **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.
- **For steel surfaces:** please consult Trimite for advice.

Mixing

Mix each component separately, and then thoroughly mix together in the mix ratio stated, using a power mixer. Stir occasionally during use to maintain an homogenous mix.

Pot Life at 20°C

2 hours (do not use after this time, even though material may still look fluid).

Mix Ratio

Colours:	Base	1 volume
	Activator	2 volumes
Clear:	Clear Base	1 volume
	Activator	3.5 volumes

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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.
Application Details	<ul style="list-style-type: none">• Designed for application by brush or roller.• On bare concrete, thin the first coat by up to 10% with clean water to act as a sealer, before applying a full, unthinned coat.• On previously painted surfaces, asphalt and 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.• Product will darken slightly during curing and should not be over rolled. To avoid variation in shade, always roll in the same direction across the whole area the product is being applied to.• Anti-slip finish: For anti-slip surfaces, add anti-slip aggregate ('Part C') to the mixed product, and ensure the grit is evenly dispersed throughout the mix. The anti-slip mixture need only be used on the final coat of paint.
Thinner/Cleaner	Clean water.
SG	1.2 ± 0.1 kg/l (mixed material).
Flash Point	Above 60°C.
Shelf Life	Minimum of 2 year from date of manufacture 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	May 2021.

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