

TECHNICAL DATA SHEET

Trimafloor 2504

WB Clear Floor Sealer (previously called Firwood 2504)

Description	A water based acrylic, single pack, clear floor sealer.
Finish	Clear.
Features	<ul style="list-style-type: none"> • Can be used on concrete, stone and brick floors. • Use as a dust sealer. • Good abrasion and staining resistance. • Suitable for foot and light-to-medium traffic areas.
Complies With	2004/42/EC (2012)* sub-category (i) - VOC level below 140 g/l.
Product Code	2504-
Volume Solids	18% ± 2%.
VOC's	Below 70 g/l.
Colour Range	Clear.

Film Thickness & Coverage	Rec. Typical:	Dry 30 µm	Wet 167 µm	Theo. Coverage 6.0 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		10°C	20°C	30°C
	Surface Dry:	1 h	30 m	20 m
	Hard Dry:	2 h	1 h	30 m
	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.

- Notes**
- Foot traffic can be allowed on the coated area after 24 hours, with heavier traffic after at least 72 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.

* The 'Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012', commonly referred to as 2004/42/EC.

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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.
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 an 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.
Application Details	<ul style="list-style-type: none">Designed for application by brush, roller or squeegee.On bare concrete, thin the first coat by up to 10% to act as a sealer, before applying a full, unthinned coat.Excessively thick coatings will dry to a milky white appearance and are prone to softening when wet. The performance of the sealer is adversely affected by the application of excessively thick coatings. Two thin coats are better than one thick application.
Thinner/Cleaner	Clean water.
SG	1.00 ± 0.1 kg/l.
Flash Point	23° – 60°C.
Shelf Life	Minimum of 1 year from date of manufacture when correctly stored in unopened containers.

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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.

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial use only unless specifically stated otherwise.