

Trimafloor 94

Single Pack EE Floor Paint (previously called Firwood 94)

Description	A high quality epoxy ester, single pack, gloss floor paint.
Finish	Gloss
Features	<ul style="list-style-type: none"> • Can be used on concrete, wood and steel surfaces, both indoors and outside. • Good resistance to oils, water and greases. • Suitable for foot and light-to-medium traffic areas. For heavier duty areas, Trimafloor 2700 water based epoxy is recommended. • An anti-slip surface can be achieved by using Trimafloor 204 aggregate (see details below).
Complies With	2004/42/EC (2012)* sub-category (i) - VOC level below 500 g/l.
Product Code	94-
Volume Solids	40% ± 2% (may vary with colour).
VOC's	Below 499 g/l.
Colour Range	Green (RAL 6002); Grey (RAL 7042); Dk Adm Grey (BS 632); White (RAL 9010); Red Oxide (RAL 3011); Yellow (RAL 1023); plus full BS & RAL shade range to order (all shades approx.).

Film Thickness & Coverage	Rec. Typical:	<u>Dry</u> 30 µm	<u>Wet</u> 75 µm	<u>Theo. Coverage</u> 13.3 m ² /l
	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	1½ h	45 m
	Hard Dry:	36 h	24 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.

- Notes**
- Foot traffic can be allowed on the coated area after 24 hours, and heavier traffic after 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.

TECHNICAL DATA SHEET**Trimafloor 94****Single Pack EE Floor 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:** 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 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%. It is advisable not to apply the product when the ambient temperature falls below 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.

Application Details

- 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. Method A:** 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.
Method B: 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

Trimite 143 Thinner.

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SG	1.00 ± 0.15 kg/l (varies with colour).
Flash Point	23° – 60°C.
Shelf Life	Minimum of 2 years 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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