

INDUSTRIAL FLOOR PAINT

INTENDED USE

DECORATION OF BUILDINGS

A general purpose SEMI GLOSS floor enamel based on a polyurethane alkyd. Typically used as a floor coating for domestic, industrial, warehouse and storage areas, subject mainly to pedestrian use and occasional fork lift traffic. Areas subjected to heavy traffic, e.g. walkways and frequent fork lift use, will require regular maintenance to areas which have been damaged or worn away. Industrial Floor Paint is resistant to oil and grease spillages. It should not be used in areas where frequent water washing is required. A non-slip additive is available to reduce any tendency for slipping when floors are dry. Wet floors will always be slippery.

As a CONCRETE SEALER the first coat is thinned 2 Parts paint with 1 part Manor White Spirit which gives a VOC content of 550 g/litre VOC.

VOC classification 2004/42 Cat A/(h): 750 g/l (2007) / 750 g/l (2010).

As a FINISH apply unthinned when the VOC content is 370 g/litre

VOC classification 2004/42 Cat A/(i): 600 g/l (2007) / 500 g/l (2010).

SUITABLE SUBSTRATES AND PREPARATION

Normally applied to dry, sound surfaces which must be free from dirt, dust and grease. Concrete surfaces should be free of laitance, efflorescence, fungal growths and algae. Previously painted surfaces should be mechanically abraded prior to application to ensure adequate adhesion.

This product should not be applied to:

- a) new concrete when the moisture level is above 18%;
- b) concrete floors which contain a 'dust suppressant' additive without first checking adhesion by applying a small test area and evaluating adhesion after 7 days;
- c) concrete which has been power floated to a smooth shiny finish;
- d) vinyl floors;
- e) asphalt floors without first sealing. Seek advice from our technical department.
- f) exterior environments

AVAILABILITY

Light Grey BS 00A05, Dark Grey BS 18B25 and Tile Red in 20 Litre containers.

PRODUCT INFORMATION (TYPICAL FIGURES)

Composition Based on a urethane-modified, alkyd resin and specially selected pigments thinned with aliphatic hydrocarbons

Volume Solids 52% (for tile red)

Weight Solids 72% (for tile red)

VOC content 370 gm/litre.

Supply viscosity 5 poise at 20°C

Typical film thickness 70 microns wet and 35 microns dry.

Theoretical coverage 14 sq. metres/litre at 70 microns wet film thickness.

Dry heat resistance 80°C

Flash Point In the range 32 – 55°C

APPLICATION DETAILS

PREFERABLY BRING PAINT TO 15-25°C. STIR WELL BEFORE USE.

Airless spray Not recommended.

Conventional spray Not recommended.

Brush/Roller Two coats should be applied. On new work thin the first coat 2 parts paint to 1 part thinner by volume. Apply evenly using a well-loaded brush/roller. Allow to dry for 16 hours and apply second coat unthinned.

Thinner Low Odour White Spirit

Film thickness per coat

	Dry	Wet
Minimum	25 microns	50 microns
Maximum	40 microns	80 microns

DRYING AND RECOATING

Approximate drying times at 35 microns d.f.t.

Substrate temperature	Touch dry	Dry to take traffic		Overcoating times	
		Light	Heavy	Minimum	Maximum
10°C	4 hours	24 hrs	72 hrs	24 hours	7 Days (see note)
20°C	2 hours	16 hrs	48 hrs	16 hours	

Environmental Conditions

The air temperature should be at least 5°C with the surface temperature 3°C above the dew point and the relative humidity below 90% to ensure that the surface is dry and that condensation will not occur during application or drying. The drying times will be significantly extended in cold, damp conditions or where there is insufficient ventilation to remove solvent vapours (leave all possible doors and windows open or use a portable extraction system).

Overcoating/Repainting Further coats of Industrial Floor Paint may be applied after overnight dry

NOTE

After 7 days air drying between coats, it is important to lightly abrade the coating to remove surface gloss and improve intercoat adhesion.

SHELF LIFE

Store in cool, dry conditions, typically 5-25°C. After a period of storage the product should be thoroughly stirred. Usable life is 2 years from date of manufacture in unopened containers.

SAFETY PRECAUTIONS

REFER TO THE MANOR SAFETY DATA SHEET

INDUSTRIAL FLOOR PAINT

Reference No. IF-1 ISSUED 04/2010

THIS DATA SHEET SUPERCEDES ALL PREVIOUS ISSUES

The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, since the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product, please contact our Technical Service Department.