

## LINOTEX FLOOR ENAMEL

### INTENDED USE

#### DECORATION OF BUILDINGS

A general purpose 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. Linotex Floor Enamel 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.

Manor Water Based Epoxy Floor Paint and Promastic 600CT are recommended for use where severe conditions prevail

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 430 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

A full gloss finish, available from stock in Regatta Blue, Royal Green, Tideway Grey, Minerva Grey, Merlin Grey, Yellow, Tile Red, Black and White in 5 Litre containers. An extensive range of other colours are available to order from the MANORMIX scheme.

### PRODUCT INFORMATION (TYPICAL FIGURES)

<b>Composition</b>	Based on a urethane-modified, alkyd resin and specially selected pigments thinned with aliphatic hydrocarbons
<b>Volume Solids</b>	47% (for tile red)
<b>Weight Solids</b>	56% (for tile red)
<b>VOC content</b>	430 gm/litre.
<b>Supply viscosity</b>	4.3 poise at 20°C
<b>Typical film thickness</b>	75 microns wet and 35 microns dry.
<b>Theoretical coverage</b>	13 sq. metres/litre at 75 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
<b>Minimum</b>	25 microns	55 microns
<b>Maximum</b>	40 microns	85 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 Linotex Floor Enamel 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

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Reference No. SPLTFE-6 ISSUED 03/2010  
THIS DATA SHEET SUPERCEDES ALL PREVIOUS ISSUES