

## FLOORCOTE SOLVENT FREE EPOXY

### PRODUCT DESCRIPTION

A solvent free epoxy based floor coating with excellent abrasion and chemical resistance. When fully cured the product is extremely hard and tough and is able to withstand years of heavy duty wear, requiring minimum maintenance.

### USES

The product is suitable for application where low odour and no solvent vapour are important, especially schools and hospitals. Ideal for factories and chemical plants where heavy traffic (foot and fork lift) is expected.

### TECHNICAL PROPERTIES

<b>Colour</b>	Goosewing, Mid Grey, Regatta, Red Oxide		
<b>Finish</b>	Semi-Gloss		
<b>Curing Agent</b>	Floorcote Solvent Free Epoxy Curing Agent		
<b>Mix Ratio</b>	3.5 Base : 1 Curing Agent by volume		
<b>Specific Gravity</b>	1.38 (mixed)		
<b>Volume Solids</b>	100%		
<b>Recommended Film Thickness</b>	180µm WFT / 180µm DFT		
<b>Theoretical Spreading Rate</b>	4-6 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller		
<b>Flash Point</b>			
<b>VOC</b>	7 g/litre.		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry (Light Traffic)	8 hours	6 hours	4 hours
Hard Dry (Heavy Traffic)	24 hours	16 hours	12 hours
Full Cure	7 days	3 days	2 days
Minimum Overcoat	36 hours	16 hours	8 hours
Maximum Overcoat	7 days	3 days	2 days

### CERTIFICATION/APPROVALS

#### RECOMMENDED SYSTEMS

Floorcote Epoxy Sealer, Floorcote Etch Treatment, Floorcote Degreaser

### SURFACE PREPARATION

Surfaces to be painted should be clean, dry and free of any oil or grease. The product is designed for application onto suitably prepared interior concrete floor surfaces. New floors should be acid etched (Floorcote Etch Treatment) prior to painting. Previously painted surfaces can be over-coated with Floorcote Solvent Free Epoxy, but in all cases a small area should be tried first to ensure compatibility and adhesion. Floorcote Solvent Free Epoxy can be applied in two coats or applied over a suitable sealer, priming coat or levelling compound.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 3.5 litres Base to 1 litre Curing Agent Mix thoroughly and use immediately. Pot life 1 hour @ 20°C.
<b>Thinners</b>	Do not thin.
<b>Brush</b>	Do not thin. Use as supplied.
<b>Roller</b>	Do not thin. Use as supplied.
<b>Conventional Spray</b>	
<b>Airless Spray</b>	
<b>Air Assisted Airless Spray</b>	
<b>Cleaner</b>	Thinner No.5
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.5 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

## HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.  
The user must observe local health, safety and environmental regulations when using this product.  
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

## PACK SIZES

4.5 litre composite packs.

## PACK WEIGHTS

4.5 litre : 6.6 kg. (mixed)

## STORAGE CONDITIONS

Store in a cool, dry, shaded area. Minimum shelf life 12 months in unopened containers.

## LIMITATIONS

Do not apply this product if the RH exceeds 90% or if the substrate is within 3°C of the dew point.  
At lower ambient temperatures, the curing will be retarded.

## DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.