

Reference: 04FES
Issue Number: 1
Issue Date: October 2004
Supersedes Issue: 0

FLOORCOTE EPOXY SEALER

PRODUCT DESCRIPTION

A two pack epoxy aqueous based sealer which bonds strongly to concrete, cement and prepared floor areas, including damp surfaces. System has excellent alkali resistance.

USES

Sealing of new and damp concrete flooring areas prior to main coating. Can be used as a clear floor sealer in food factories, breweries, electronic plants, farm buildings, schools and hospital where solvent vapours may interfere with products and processes.

TECHNICAL PROPERTIES

Colour	Clear		
Finish	Semi-Gloss		
Curing Agent	Floorcote Epoxy Sealer Curing Agent		
Mix Ratio	1 Base : 4 Curing Agent by volume		
Specific Gravity	1.05		
Volume Solids	45%		
Recommended Film Thickness	80µm WFT / 35µm DFT		
Theoretical Spreading Rate	12 m ² /litre (depends on porosity and surface profile)		
Application Method	Brush, Roller		
Flash Point	> 100°C		
VOC	0 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	5 hours	3 hours	2 hours
Hard Dry	10 hours	8 hours	6 hours
Full Cure	10 days	7 days	5 days
Minimum Overcoat	24 hours	24 hours	24 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

All Floorcote Finishes

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Scrape back unsound areas and repair before application of Sealer.

PRODUCT APPLICATION

Mixing	1 lt. Base to 4 lt. Curing Agent. Mix well. Add water if required to assist spreading. Pot life approx. 90 minutes @ 20°C.
Thinners	Water
Brush	Apply one coat which may be thinned with up to 10% Water. In extreme cases a second coat may be required. Newly repaired areas should be patch primed before main sealer application.
Roller	Apply one coat which may be thinned with up to 10% Water. In extreme cases a second coat may be required. Newly repaired areas should be patch primed before main sealer application.
Conventional Spray	
Airless Spray	
Air Assisted Airless Spray	
Cleaner	Water
Cleanup Considerations	All equipment should be cleaned immediately after use with water. 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.
The user must observe local health, safety and environmental regulations when using this product.
Consult if there are any concerns over the suitability of this product.

PACK SIZES

5 litre composite

PACK WEIGHTS

5 litre: 5.25 Kg.

STORAGE CONDITIONS

PROTECT FROM FROST AND STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.

LIMITATIONS

Do not apply in cold and excessively damp/wet conditions. Ideally above 10°C with good ventilation. Allow sufficient time to cure before applying any solvent based top coat.

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 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.