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FLOORCOTE EPOXY FINISH

PRODUCT DESCRIPTION

A polyamide adduct cured two pack epoxy finish for maximum protection against abrasion, chemicals and solvents. Floorcote Epoxy Finish will give superb penetration, bonding and a resistant, durable surface able to withstand years of heavy duty wear requiring minimum maintenance. For wet and dangerous areas a non skid version is recommended.

USES

Ideal for decks, walkways, heavily used wet areas, factories subject to heavy traffic (fork lift areas) and transport depots where maximum resistance to abrasion, chemicals, sea water, solvents and high humidity are required.

TECHNICAL PROPERTIES

Colour	10 colours (specials available minimum order)	
Finish	Full Gloss or Aggregated	
Curing Agent	Floorcote Epoxy Finish Curing Agent	
Mix Ratio	3 Base : 1 Curing Agent by volume	
	<u>Standard</u>	<u>Non-Skid</u>
Specific Gravity	1.28	1.43
Volume Solids	58%	66%
Recommended Film Thickness	85µm WFT / 50µm DFT	150µm WFT / 100µm DFT
Theoretical Spreading Rate	11 m ² /litre	6.5 m ² /litre
Application Method	Brush, Roller	
Flash Point	28°C	
VOC	360 g/litre	290 g/litre

	<u>10°C</u>		<u>20°C</u>		<u>30°C</u>	
Drying Times	<u>Standard</u>	<u>Non Skid</u>	<u>Standard</u>	<u>Non Skid</u>	<u>Standard</u>	<u>Non Skid</u>
Touch Dry	6 hours	7 hours	4 hours	5 hours	3 hours	4 hours
Hard Dry	12 hours	14 hours	10 hours	12 hours	8 hours	10 hours
Full Cure	8 days	8 days	7 days	7 days	5 days	5 days
Minimum Overcoat	18 hours	22 hours	16 hours	20 hours	14 hours	18 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Floorcote Epoxy Sealer, Floorcote Etch Treatment, Floorcote Degreaser

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination.

On new concrete, if well aged, prime surface with Finish thinned with 25% Thinner No.5.

New concrete should be left at least 3 months before painting, then a moisture check carried out to ensure this lies within acceptable limits.

On previously painted surfaces, test a small area before full painting.

Damp surfaces should be primed with Floorcote Epoxy Sealer before applying Floorcote Epoxy Finish.

Hard concrete or granolithic surfaces should be 'opened' with Floorcote Etch Treatment.

Floorcote Degreaser is recommended for heavy dirt and grease contamination.

PRODUCT APPLICATION

Mixing

Mix 3.75 lts. Base with 1.25 lts. Curing Agent by volume. Stir well, leave 30 minutes before application. Pot life 16 hours @ 20°C.

Thinners

Thinner No.5

Brush

Thin first coat with 25% Thinner No.5 and work well into surface. Apply a second full coat. If previously sealed with Floorcote Epoxy Sealer, apply two full coats. On previously painted surfaces, which ideally should be epoxy type, one full coat is usually sufficient to give full cover and even-ness. Ensure previous coats are abraded to give good adhesion.

Roller

Thin first coat with 25% Thinner No.5 and work well into surface. Apply a second full coat. If previously sealed with Floorcote Epoxy Sealer, apply two full coats. On previously painted surfaces, which ideally should be epoxy type, one full coat is usually sufficient to give full cover and even-ness. Ensure previous coats are abraded to give good adhesion.

Conventional Spray

Airless Spray

Air Assisted Airless Spray

Cleaner

Thinner No.5

Cleanup Considerations

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

5 litre composite packs

PACK WEIGHTS

Standard 5 litre: 6.4 Kg.

Non Skid 5 litre: 7.15 Kg.

STORAGE CONDITIONS

Store away from extremes of temperature.

LIMITATIONS

At temperatures below 10°C the cure may be affected.

Do not apply below 5°C.

Before application onto damp concrete the use of Floorcote Epoxy Sealer is recommended. This should be applied in warm, dry conditions with good ventilation. See specific data sheet.

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.