

Dekster

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DATA SHEET

DEKSTER 101 EPOXY PENETRATING PRIMER

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V1-28/11/2014

GENERAL DESCRIPTION

- Dekster 101 Clear Epoxy Penetrating Primer is designed to be absorbed by marbelite or cement, to bind to the substrate and to act as a chemical key and to bond with subsequent coats. It is an integral part of most epoxy floor coating systems.

PROPERTIES

- Excellent adhesion to concrete
- Can be used as a dust sealer
- Good water and chemical resistance

CHEMICAL RESISTANCE

- Resistant to most dilute acids and alkalis, petroleum products, detergents and water.

RECOMMENDED AREAS FOR USE

Walls and floors in :

- Factories and warehouses
- Parking garages
- Breweries and abattoirs
- Dairies and kitchens
- Nuclear decontamination
- Can be used as a dust sealer
- Also suitable as a high gloss top coat

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SURFACE PREPARATION

- All surfaces must be clean, sound and free of oil, dirt and dust. Concrete surfaces should be abrasive blasted, diamond grind or acid etched to remove laitance. Moisture content should not exceed 10%.

APPLICATION

- Thoroughly mix the epoxy and activator in the proportions give. Mechanical slow mixing is required.
- Apply by brush, roller or spray.
- Over-coating may proceed as soon as the applied product is touch dry.

CLEANING EQUIPMENT

- Clean all equipment immediately after use with Dexter Water Soluble Brush Cleaner.

SPECIAL NOTES

- This material contains solvents and is flammable.
- Although 101 Penetrating Epoxy Primer is relatively non-toxic, it is recommended that the normal precautions when dealing with conventional epoxy resin systems are adhered to.
- Refer to the relevant 16 point Material Safety Data Sheet.

HOW TO SPECIFY

- All suitably prepared surfaces to be primed with Dekster 101 Penetrating Epoxy Primer @ 6 to 8m²/litre according to the manufacturer's instructions.

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TECHNICAL DATA

TYPE	Epoxy / Polyamide				
COLOUR	Clear				
MIXING RATIO (By Vol.)	Base: Hardener = 4 : 1				
MIXED DENSITY	1.00				
FLASH POINT	Base: 24.0°C Activator: 26.0°C				
VOC	800				
VOLUME SOLIDS	± 40%				
SPREAD RATE	6-8 m ² /litre				
DRYING TIME	Temperature	5°C	10°C	20°C	30°C
(@ 40µm DFT)	Surface Dry	3,5Hr	2,5Hrs	1,5Hrs	1Hr
	Hard Dry	34Hrs	24Hrs	14Hrs	10Hrs
PAINTING INTERVAL	Minimum	20Hrs	20Hrs	8Hrs	6Hrs
(@ 40µm DFT)	Maximum	-	-	-	-
POT LIFE		6Hrs	6Hrs	4Hrs	4Hrs
THINNER	Dekster Epoxy Thinners				
APPLICATION METHOD	Airless or conventional spray, brush or roller				
APPLICATIONS	Temperature	Minimum 5°C, Maximum 50°C			
CONDITIONS	Humidity	Maximum 85%			
SHELF LIFE	12 Months				
PACKAGING	1, 5, and 20 litres				

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.