

Dekster

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DATA SHEET

DEKSTER 303 EPOXY MORTAR LITE

(Page 1 of 4)

VI-28/11/2014

DESCRIPTION

- Dekster 303 Epoxy Mortar Lite is a heavy- duty repair and screeding system for vertical repairs and screeds.

PRACTICAL USES

- Walls, plinths, tank and pump bases in areas subject to high traffic and chemical & solvent spillage, such as mining, water and waste treatment, paper and pulp, sugar refining, food factories, dairies & breweries. Also used as a concrete repair mortar and acid proof tile grout.

PERFORMANCE & DURABILITY

- Compressive strength: 70 n/mm² ASTM 695-85
- Tensile strength: 18 n/mm² ASTM d638-76
- Flexural strength: 30 n/mm² ASTM d790-86
- Bond strength: concrete fails

CHEMICAL RESISTANCE

- Resistant to most dilute acids & alkalis, petroleum products & salt water.

SURFACE PREPARATION

- All surfaces must be clean and mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a wood float finish, with a minimum compressive strength of 25mPa. Abrasive blast, diamond grind or acid etch to remove laitance. (See "preparation of concrete surfaces" by Dekster).

DEKSTER COATINGS (PTY) LTD REG NO. 2013/106812/07

Vat reg no:4120240140

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(Page 2 of 4)

VI-28/11/2014

PRIMING

- Prime with Dekster 303 Epoxy Mortar Resin @ 5m²/l. Broadcast Dekster N°. 1 Grit @ 1.5kg/m² into the wet primer and allow to cure.

APPLICATION

- Thoroughly mix the resin and activator in the proportions given, and then add the aggregate using a slow speed mechanical mixer. Using a trowel apply the epoxy screed to a nominal thickness of 4 - 20mm using a nylon or PVC float. Keep wiping the float with water. Allow to cure for at least 12 hours then seal with the specified Dekster sealer.

SPECIAL NOTES

- Allowance must be made for expansion joints. Dekster manufactures a range of joint sealants.
- Dekster also produces a range of non-shrink epoxy grouts for machine bedding, bolt fixing, vertical surfaces and under water curing systems.

CLEANING EQUIPMENT

- Clean equipment immediately after use with fresh water and soap or brush cleaner.

TOXICITY

- Although Dekster 303 Epoxy Mortar Lite is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy resin systems be adhered to.

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(Page 3 of 4)

V1-28/11/2014

HOW TO SPECIFY

- All areas to be prepared, primed and screeded with Dekster 303 Epoxy Mortar Lite to a minimum thickness of 4mm in accordance with the manufacturer's instructions.

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(Page 4 of 4)

VI-28/11/2014

TECHNICAL DATA

COLOUR	: Standard grey / brown
N°. OF COMPONENTS	: 3 (Epoxy + Activator + Agg.)
MIXING RATIO	: 2 litres + 1 litre + 15 kgs
PACK SIZE	: 12 litres (18 kgs)
VOLUME SOLIDS	: 100%
FLASH POINT	> 100°C
PRACTICAL SPREAD RATES	1 litre/m ² /mm
POT LIFE @ 25°C	: 40Min.
HARD DRY @ 25°C	: 8 hours
LIGHT TRAFFIC @ 25°C	: 24 hours
FULL CURE @ 25°C	: 7 Days
APPLICATION TEMPERATURE	: 10 to 40°C
OPERATING TEMPERATURE	: -20°C to +80°C
CLEANING EQUIPMENT	: Fresh water or brush cleaner
STORAGE TEMPERATURE	: 10 to 40°C
SHELF LIFE	: 12 months

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.

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