

DATA SHEET

108 EPOXY MORTAR SCREED

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V1-28/11/2014

DESCRIPTION

- 108 Epoxy Mortar Screed is a heavy-duty repair and screeding system for hard wearing floor areas.

PRACTICAL USES

- Floor areas subject to high traffic, chemical & solvent spillage such as mining, water & waste treatment, paper & pulp, sugar refining, food factories, dairies & breweries. Also used as a concrete repair mortar, rail grout, acid proof tile grout and bridge nosing compound.

PERFORMANCE & DURABILITY

- Compressive strength: >96 n/mm² astm 695-85
- Tensile strength: 18 n/mm² astm d638-76
- Flexural strength: 34 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, 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)

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PRIMING

- Prime with 108 Epoxy Mortar Resin @ 5m²/l. Broadcast N^o. 1 Grit @ 1.5kg/m² into the wet primer and allow to cure

APPLICATION

- Thoroughly mix the resin and activator in the proportions given, then add the aggregate using a slow speed mechanical mixer. Pour the mixture onto the floor to slow down the exothermic reaction. Using a screeding bar apply the Epoxy screed to a nominal thickness of 6mm 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 sealer.

SPECIAL NOTES

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

CLEANING EQUIPMENT

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

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TOXICITY

- Although 108 Epoxy Mortar is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional Epoxy resin systems be adhered to. Refer to the 16 point Material Safety Data Sheet.
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HOW TO SPECIFY

- All areas to be prepared, primed and screeded with 108 Epoxy Mortar to a minimum thickness of 6mm in accordance with the manufacturer's instructions.
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ANTI-STATIC EPOXY FLOORING

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TECHNICAL DATA

COLOUR	: Standard colours available
N° OF COMPONENTS	: 3 (Epoxy + Activator + Agg.)
MIXING RATIO	: 2 litres + 1 litre + 25 kgs
PACK SIZE	: 12 litres (28 kgs)
VOLUME SOLIDS	: 100%
FLASH POINT	: >100°C
PRACTICAL SPREAD RATES	: 1lt/m ² /mm
POT LIFE @ 25°C	: 40 Min
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
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.