

DATA SHEET

116
SELF LEVELLING EPOXY FLOORING

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V1-28/11/2014

DESCRIPTION

- A solvent free, hard wearing, self-levelling epoxy floor coating applied at 3-6mm thickness. Available in a range of attractive colours.

CHEMICAL RESISTANCE

- Resists most dilute acids, alkalis, petroleum products, aliphatic solvents, water and detergents.

PROPERTIES

- High Gloss
- Easy to clean and resistant to bacteria
- Bond strength: Breaks concrete

RECOMMENDED AREAS FOR USE

- A durable, high gloss epoxy coating for high traffic areas such as factories, show rooms, workshops and ablution blocks

SURFACE PREPARATION

- All surfaces must be clean, structurally sound, and free of dust, oil and dirt. Concrete surfaces should be abrasive blasted, diamond grind or acid etched to remove laitance. Moisture content should be below 10%. Refer to the detailed Method Statement (Doc Ref 116MS)

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PRIMING

- CEMENT SCREEDS: Prime with 118 Solvent Free Epoxy Primer @ 4-5m²/litre
- REPAIRS: Fill all imperfections with 302 Epoxy Mortar

APPLICATION

- Thoroughly mix the resin, activator and filler in the correct proportions, as supplied. Apply by spreader bar and porcupine roller and allow to self- level.

CLEANING EQUIPMENT

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

TOXICITY

- Although 116 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to. Refer to the 16 point Material Safety Data Sheet.

SPECIFICATIONS

- All surfaces to be prepared, primed and then coated with 116 Self Leveling Epoxy to a uniform thickness of 3-6mm in accordance with the manufacturer's instructions.

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TECHNICAL DATA

No. of COMPONENTS	: 3(5kgs Base+2.5kgs Activator+15kgs Filler)
COLOUR	: See Colour Chart
MIXED DENSITY	: 1.7 kgs/ litre
VOC	: 5.1
COMPRESSIVE STRENGTH	: >80 N/mm ²
FLEXURAL STRENGTH	: 30 - 40 N/mm ²
BOND STRENGTH	: 4 – 6 N/mm ²
POT LIFE (500ml)	: 30 minutes @ 25°C
TOUCH DRY	: 8 hours @ 25°C
CURE TIME: Foot Traffic	: 12 to 16 Hrs @ 25°C)
Chemical Spillage	: 3 to 7 Days
FULL CURE	: 7 days
SOLVENT CONTENT	: Nil
VOLUME SOLIDS	: 101
AVERAGE SPREAD RATE	EPOXY: PENETRATING 1Kit=4m²@3mm PRIMER
FILM THICKNESS	: 3mm -8mm
SHELF LIFE	: 12 months
PACKAGING	: 5kg Base+2.5kg Activator+15kg Filler
YIELD	: 12 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.