

DATA SHEET

104 EPOXY ENAMEL

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V1-28/11/2014

PRACTICAL USES

- 104 Epoxy Enamel is a protective and decorative coating for concrete, masonry and flooring.

PROPERTIES

- Excellent adhesion to most substances
- Good weather and chemical resistance
- Good impact and mar resistance
- Easy to clean and resistant to bacteria
- Available in clear and a range of attractive colours

CHEMICAL RESISTANCE

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

RECOMMENDED AREAS FOR USE

Walls and Floors in-

- Factories and warehouses
- Parking lots
- Shopping areas
- Breweries and abattoirs
- Dairies and kitchens
- Nuclear decontamination

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

Vat reg no:4120240140

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SURFACE PREPARATION

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

PRIMING

- Concrete: Prime with 101 Penetrating Primer
- Steel: Prime with 501 Zinc Phosphate Primer

APPLICATION

- Thoroughly mix the Epoxy and activator in the proportions given. Mechanical slow mixing is preferable. Apply by brush, roller or airless spray. Over-coating may proceed as soon as the previous coat is touch dry.

CLEANING EQUIPMENT

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

SPECIAL NOTES

- Although 104 Epoxy Enamel is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to.
- This material contains solvents and is inflammable. Refer to the 16 point Material Safety Data Sheet.
- A Non-Skid surface may be obtained by incorporating 5 - 10 % of non-skid powder.
- In common with most epoxy systems 104 will tend to go yellow in sunlight.

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HOW TO SPECIFY

- All surfaces to be suitably prepared and primed, followed by 2 (two) coats of 104 Epoxy Enamel applied @ 8m²/litre per coat according to the manufacturer's instructions.
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TECHNICAL DATA

TYPE	: Epoxy/ Polyamide
COLOURS	: See colour chart
MIXING RATIO	: 4 parts base : 1 part activator
MIXED DENSITY	: 1,18gm/cm ²
VOC	: 440
FINISH	: Gloss
POT LIFE	: 4 hours @ 25 °C
OVERCOATING TIME	: 6- 48 hours
TOUCH DRY	: 4 hours
FULL CURE	: 7 days
FLASH POINT	:26°C
AVERAGE SPREAD TIME	: 8 m ² /l/coat
WET FILM THICKNESS	:125µ
DRY FILM THICKNESS	:65µ
RECOMMENDED NUMBER OF COATS	: 2 plus Primer
APPLICATION TEMPERATURE	: 10 to 40 °C
SERVICE TEMPERATURE LIMITS	: -20 to 120 °C
SHELF LIFE	: 12 Months
PACKAGING	: 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.