

TECHNICAL DATA SHEET

D111 SELF LEVELLING HI-BUILD EPOXY

V2-09/03/2024

DESCRIPTION

A solvent free, hard wearing, epoxy resin floor coating applied at 1mm thickness.

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.

COLOUR	: See colour chart
R	: 2
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.4
PRACTICAL SPREAD RATES	: 1m ² /ℓ/1mm
DRY FILM THICKNESS	: 1mm
POT LIFE @ 25°C	: 1 hr
TOUCH DRY @ 25°C	: 6 hrs
INDUCTION TIME	: 10 min
OVERCOATING TIME	:
• Minimum	: 12 hrs
• Maximum	: 48 hrs
FULL CURE	: 7 days
RECOMMENDED NO. OF COATS	: 1
SHELF LIFE	: 12 months
PACK SIZE	: 15 litres

CHEMICAL RESISTANCE

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

SURFACE PREPARATION

All surfaces must be clean, structurally sound and free of dust, oil and dirt. Concrete surfaces should be abrasive blasted, diamond grinded or acid etched to remove laitance. Moisture content should be below 10%.

PRIMING

- Dense Concrete: Prime with D101 Epoxy Penetrating Primer @ 8m²/litre
- Porous Screeds: Prime with D118 Solvent Free Epoxy Primer @ 4m²/litre
- Repair: Fill all imperfections with D302 Epoxy Mortar (Std)

APPLICATION

Thoroughly mix the resin and activator in the correct proportions, as supplied. Apply by 1mm rake and spike roller and allow to self-level.

CLEANING EQUIPMENT

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

TOXICITY

Although D111 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to.

HOW TO SPECIFY

All surfaces to be prepared, primed and then coated with D111 Self Levelling Hi-Build Epoxy to a uniform thickness of 1mm in accordance with the manufacturer's instructions.

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 user's responsibility to confirm the currency of product data sheets.