

TECHNICAL DATA SHEET

V2-09/03/2024

DESCRIPTION

A solvent free modified epoxy resin floor coating applied at 500 microns.

PROPERTIES

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

RECOMMENDED AREAS FOR USE

A high gloss epoxy coating for light traffic areas

D110 HIGH BUILD EPOXY FLOOR COATING

COLOUR	
R	: Clear & Selected Colours
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.2
PRACTICAL SPREAD RATES	: 2m ² /ℓ
DRY FILM THICKNESS	: 500µm
POT LIFE @ 25°C	: 40 min
TOUCH DRY @ 25°C	: 4 hrs
OVERCOATING TIME	:
• Minimum	: 4 Hrs
• Maximum	: 48 hrs
FULL CURE	: 7 days
RECOMMENDED NO. OF COATS	: 1
SHELF LIFE	: 12 months
PACK SIZE	: 5 & 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 grind 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. Apply by short nap roller.

CLEANING EQUIPMENT

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

TOXICITY

Although D110 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to. Refer to the relevant 16 point Safety Data Sheet.

HOW TO SPECIFY

All surfaces to be prepared, primed and then coated with D110 High Build Epoxy Floor Coating to an average thickness of 500 microns 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.