

## TECHNICAL DATA SHEET

## D110

### HIGH BUILD EPOXY FLOOR COATING

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

<b>COLOUR</b>	: Clear & Selected Colours
<b>N°. OF COMPONENTS</b>	: 2
<b>MIXING RATIO (VOL)</b>	: 2 : 1
<b>CONSISTENCY</b>	: Liquid
<b>VOLUME SOLIDS</b>	: 100%
<b>MIXED DENSITY</b>	: 1.2
<b>PRACTICAL SPREAD RATES</b>	: 2m <sup>2</sup> /ℓ
<b>DRY FILM THICKNESS</b>	: 500µm
<b>POT LIFE @ 25°C</b>	: 40 min
<b>TOUCH DRY @ 25°C</b>	: 4 hrs
<b>OVERCOATING TIME</b>	:
• <b>Minimum</b>	: 4 Hrs
• <b>Maximum</b>	: 48 hrs
<b>FULL CURE</b>	: 7 days
<b>RECOMMENDED NO. OF COATS</b>	: 1
<b>SHELF LIFE</b>	: 12 months
<b>PACK SIZE</b>	: 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 @ 8m<sup>2</sup>/litre
- Porous Screeds: Prime with D118 Solvent Free Epoxy Primer @ 4m<sup>2</sup>/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 Dekster 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.