

## TECHNICAL DATA SHEET

## D101 EPOXY PENETRATING PRIMER

V2-09/03/2024

### DESCRIPTION

Epoxy Penetrating Primer is designed to be absorbed by marbelite or cement, to bind to the substrate and act as a chemical key. It is also used to bond with subsequent coats. It is an integral part of most epoxy floor coating systems.

### PROPERTIES

- Excellent adhesion to concrete
- Can be used as a dust sealer
- Good water and chemical resistance

### RECOMMENDED AREAS FOR USE

Walls and floors in:

- Factories and warehouses
- Parking garages
- Breweries and abattoirs
- Dairies and kitchens
- Nuclear decontamination
- Can be used as a dust sealer
- Also suitable as a high gloss topcoat

<b>CONSISTENCY</b>	: Liqui
<b>COLOUR</b>	: d
<b>COLOUR</b>	: Clear
<b>Nº. OF COMPONENTS</b>	: 2
<b>MIXING RATIO (VOL)</b>	: 4 : 1
<b>MIXED DENSITY</b>	: 0.94
<b>VOLUME SOLIDS</b>	: 30%
<b>FLASH POINT</b>	: 24°C
<b>PRACTICAL SPREAD RATES</b>	: 6-8m <sup>2</sup> /l
<b>DRYING TIME (@40µm DFT)</b>	:
• <b>Temperature</b>	: 5°C 10°C 20°C 30°C
• <b>Surface Dry</b>	: 4hrs 3hrs 2hrs 1hr
• <b>Hard Dry</b>	: 36hrs 24hrs 16hrs 10hrs
<b>OVERCOATING TIME (@40µm DFT)</b>	:
• <b>Minimum</b>	: 30hrs 20hrs 10hrs 6hrs
• <b>Maximum</b>	: - - 7days -
<b>POT LIFE</b>	: 10hrs 8hrs 6hrs 4hrs
<b>THINNER</b>	: Epoxy Thinners
<b>APPLICATION METHOD</b>	: Airless spray, conventional spray, brush or roller
<b>APPLICATION TEMPERATURE</b>	: 10°C to 40°C
	: 85%
<b>APPLICATION HUMIDITY</b>	(Maximum)
<b>CLEANING EQUIPMENT</b>	: D701 WSBC
<b>SHELF LIFE</b>	: 12 months
<b>PACK SIZE</b>	: 1, 5 & 20 Litres

### CHEMICAL RESISTANCE

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

### SURFACE PREPARATION

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

### APPLICATION

Thoroughly mix the epoxy and activator in the proportions give. Mechanical slow mixing is required.

Apply by brush, roller or spray.

Over-coating may proceed as soon as the applied product is touch dry

### SPECIAL NOTES

- This material contains solvents and is flammable.
- Although 101 Penetrating Epoxy Primer is relatively non-toxic, it is recommended that the normal precautions when dealing with conventional epoxy resin systems are adhered to.
- Refer to the relevant 16 point Material Safety Data Sheet.

### HOW TO SPECIFY

All suitably prepared surfaces to be primed with D101 Epoxy Penetrating Primer @ 6 to 8m<sup>2</sup>/litre according to the manufacturer's instructions.

*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.*