



## DENSO EPOXY PENETRATING PRIMER

### Description

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

#### Principal Characteristics

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

#### Chemical Resistance

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

#### 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 top coat

### Application Instructions

#### Surface Preparation

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

#### Application

Thoroughly mix the epoxy and activator in the proportions given. Mechanical slow mixing is preferred. Apply by brush, roller or spray. Over- coating may proceed as soon as the applied product is touch dry.

#### Cleaning Equipment

Clean all equipment with Denso Brush cleaner

#### Special Notes

- This material contains solvents and is inflammable
- Although Denso Epoxy Penetrating 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 16 point Material Safety Data Sheet

#### Cleaning Equipment

All Suitable prepared surfaces to be primed with Denso Epoxy Penetration Primer @6 to 10m<sup>2</sup>/litre according to manufactures instructions.

PRIMER TYPE	EPOXY			
Colour	Transparent light amber			
Catalyst Type	Polyamide			
Mixing Ratio (By vol.)	Base: Hardener = 4:1			
Mixed Density	1.00			
Flash Point	Base: 24.0°C. Activator: 26.0°C			
Spread Rate	6-8m <sup>2</sup> /l			
Volume Solids	+/- 40%			
Thinner	Denso Epoxy Thinners			
Application Method	Airless or conventional spray, brush or roller			
Application conditions	Temperature Min. 5°C Max 50°C			
	Humidity: Max 85%			
Shelf Life	12 months			
Packaging	1, 5, and 20, Liters			
Drying time (@40µm DFT)				
Temperature	5°C	10°C	20°C	30°C
Surface Dry	3.5Hrs	2.5Hrs	1.5Hrs	1Hr
Hard Dry	34hrs	24Hrs	14Hrs	10Hrs
Painting Interval (@40µm DFT)				
Minimum	20hrs	20Hrs	8Hrs	6Hrs
Maximum	-	-	-	-
Pot Life	6Hrs	6Hrs	4Hrs	4Hrs