

FEATURES

Advantages:

- Low VOC
- 100% volume solids
- Penetrates pores and tiny cracks in concrete and masonry surfaces
- Cures to a tough, water resistant coating
- Very low viscosity
- Long pot life
- Low film thickness required
- No shrinkage
- Applies easily by brush, roller or spray
- Formulated without lead, chromate or mercury containing materials

Limitations of Use:

- Do not overbuild
- Do not thin

RECOMMENDED USES

The extraordinary penetrating properties of Clear Epoxy Dust Sealer provide a means of penetrating, reinforcing and sealing concrete and masonry surfaces.

Recommended uses:

- Sealer for concrete floors and block walls
- Sealer/binder for asbestos cement encapsulation

* After overnight cure Clear Epoxy Dust Sealer may be over coated if still tacky. Clear Epoxy Dust Sealer should be over coated within 72 hours from point of being tack free.

SPECIFICATION DATA

Coating Type:	100% Solids epoxy
Colour:	Light Amber
Packaging:	1 litre and 4 litre
Mix Ratio:	3:1 by volume
Gloss:	Medium Sheen
Flash Point:	38 °C Setaflash
Thinner:	Do Not Thin
Pot Life:	4 hours at 25 °C
Induction Time:	n/a
Storage:	Store under cool dry conditions

Density:	1.02 kg per litre			
VOC:	0 g per litre			
Temperature Resistance:	121 °C dry			
Volume solids (mixed):	100 %			
Theoretical Coverage Rate:	25 sq. metres per litre at 40 microns dry *			
Recommended Film Thickness Per Coat:	40 microns wet to obtain 40 microns dry			
Application:	Spray, Brush or Roller			
Dry Times (40µm DFT / 50% RH):				
Recoat – minimum:	5°C	15°C	25°C	30°C
Self		12 hrs	8 hrs	6 hrs
Epoxy		12 hrs	8 hrs	6 hrs
Recoat – maximum:	5°C	15°C	25°C	30°C
Self		96 hrs	72 hrs	48 hrs
Epoxy		96 hrs	72 hrs	48 hrs

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 solvent cleaning. Surface defects revealed by the preparation process, should be ground, filled, or treated in the appropriate manner. Clean to remove all grit dust and debris and ensure the surface is dry.

Concrete surfaces: Concrete must cure for at least 28 days and not be greater than 10 pH. Acid etch with dilute hydrochloric acid solution (1 part concentrated acid to 10 parts water) to produce a uniformly roughened surface profile, followed by washing off with copious amounts of clean fresh water until the cleaning water is neutral to litmus paper. DO NOT allow etch solution to dry on the surface. Check for excessive moisture using the ASTM D-4263 "Plastic Sheet Method" test. Grinding or sweep blasted to remove all laitence may also be carried out.

DIRECTIONS FOR USE

Mixing:

Clear Epoxy Dust Sealer is a two component product supplied in 1 litre and 4 litre kits, which contain the correct ratio of ingredients.

Power mix the base portion first to obtain a smooth homogeneous condition. After mixing the base portion, slowly add the converter whilst continuing to agitate at slow speed. After addition of the converter is complete, continue to mix slowly until homogeneous.

Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

Thinning:

Do not thin this material.

Clean-up:

Use ½ thinner

Application:

Clear Epoxy Dust Sealer may be applied by brush or roller. Airless spray is not recommended.

Clear Epoxy Dust Sealer is low in viscosity and should be applied in a thin wet coat sufficient to completely cover and penetrate the surface

Additional coats may be required for porous surfaces.

Spreading Rate:

On absorbent surfaces, such as concrete, Clear Epoxy Dust Sealer spread rate may be reduced to 50% or more.

Safety within enclosed areas:

It is very important for the safety of the applicator and to ensure correct performance of the coatings, good ventilation is provided to all portions of the enclosed area.

It is equally important to bring into the enclosed area, dry fresh air to remove all solvent vapours. As solvent vapours are heavier than air, ventilation ducts should reach to the lowest portions of the enclosed area as well as into any structural pockets. Ventilation should be maintained throughout the cure period.

PRECAUTIONS

For industrial use only.
See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Clear Epoxy Dust Sealer is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation.
Do not breathe vapour or spray.
Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

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