

CURING COMPOUND

DATA SHEET



A WATER BASED
ACRYLIC EMULSION
CONCRETE CURING
COMPOUND

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ecocem Curing Compound is a water-based membrane forming slightly viscous acrylic emulsion solution which dries to a colourless stain-free surface finish when applied to the concrete.

SPECIFICATION TYPE

- AASHTO M148 (Hardening), National Water Council approved 821052 G 8.
- Approved for use on structures to receive potable water.

CHARACTERISTICS / ADVANTAGES

- Economical, single application and easy to use. Spray or roller applicable.
- Reduces incidence of shrinkage cracks.
- Promotes better strength gain characteristics.
- Useful as a dust-proofer & surface hardener particularly on floor areas.
- No film breakdown period involved.
- Does not interfere with subsequent concrete surface treatments.
- Non-yellowing.
- Does not make surface slippery.

TYPICAL APPLICATIONS

- Ecocem curing compound is an economical method of assisting efficient concrete curing. The presence and retention of water in concrete is essential to ensure adequate strength development and to minimize initial plastic shrinkage crack development.
- Seals in the moisture to assist with hydration of the cement which results in higher strengths, increased durability and minimal surface dusting.
- Perfect for applications where additional toppings are going to be applied to the surface.

TYPICAL PROPERTIES

Appearance	Clear, slightly viscous liquid.
Application Rate	Application Rate: 5m ² per litre is recommended.
Specific Gravity	1.0 at 20°C.
Flashpoint	None Finished Film.
Normal application	Clear. On over-application - glossy effect.
Shelf Life	Up to 2 years when stored in accordance with manufacturer's instructions.
Freezing Point	0°C
Chloride Content	None
Toxicity	None



SAFETY PRECAUTIONS

- Avoid direct contact with skin, eyes and mouth. Splashes should be treated immediately by washing the area with clean water thoroughly. If accidentally ingested seek medical attention. Limitations: On over-application, a slightly glassy concrete surface finish can result.
- Ecocem products are manufactured and tested in accordance with the highest standards and are guaranteed to be fit for purpose and free from defects. This guarantee is subject to the performance of Ecocem products when used strictly in accordance with methods specifications for the particular project and where professional and competent workmanship is followed.