

ENVIROCURE 90

High-Efficiency Aqueous Curing Agent

DESCRIPTION

ENVIROCURE 90 is a unique water-based formulation which has an alkali reactive emulsion-breaking system. This ensures that when the ENVIROCURE 90 is applied to fresh concrete then immediately upon contact with the cement, it will break down to form a non-penetrative continuous film. This impervious film prevents excessive water evaporation resulting in higher cement hydration and reduced shrinkage. The film is degraded when exposed to UV light over a period of time.

USES

ENVIROCURE 90 is used as a spray applied curing agent for application to concrete to retain moisture in freshly placed concrete. Its 90% efficient properties make it suitable for application to concrete where the highest mechanical properties of the hardened concrete are critical.

ADVANTAGES

- Water-based.
- Non-hazardous.
- Conforms to ASTM C309-81 Type 1 Class A.
- Increases the mechanical properties of the hardened concrete.

PROCEDURE

Application: ENVIROCURE 90 should be applied progressively using a suitable spray application equipment. ENVIROCURE 90 should be applied at a rate of approximately 5 M2 per litre, as a single coat application. The spray nozzle should typically be held at 500mm from the surface of the concrete and past back and forth to ensure complete coverage of the concrete. On vertical surfaces the ENVIROCURE 90 should be applied to the freshly hardened concrete, immediately upon removal of the form work.

Equipment Cleaning: Tools and equipment should be cleaned immediately using water.

PACKAGING & COVERAGE

Pack Size: ENVIROCURE 90 is supplied in 2ltr and 210ltr drums.

Coverage: ENVIROCURE 90 should be applied at a rate of 6m² per litre. 1 x 25ltr drum will cover approximately 150m².

STORAGE & SHELF LIFE

ENVIROCURE 90 should be stored at temperatures between 6°C and 30°C. When stored in unopened containers, product will have a minimum shelf life of 12 months.

HEALTH & SAFETY

See separate material safety datasheet.