



CL – CURE C150

WATER BASED CONCRETE CURING AGENT

DESCRIPTION

CL-Cure C150 is a water-based emulsion concrete curing agent that used for concrete with subsequent finished. When applied on fresh concrete, it forms a barrier that prevents water in bulk concrete from evaporation. Trapped water will further react with the cement thereby accelerating the hydration process of cement.

FIXES

CL-Cure C150 is highly effective for the following applications:

- Concrete floors and walls
- Precast structural concrete
- Bridges
- Highways

FEATURES

- Ready to use and simple application
- Prevents excessive moisture loss from fresh concrete
- Hydration process of concrete is accelerated
- Reduces incidence of hairline cracking and shrinkage
- Milky white appearance allows for easy detection during application
- Eliminates the use of conventional curing methods such as covering fresh concrete with tarpaulin or polyethylene sheet.

CERTIFICATIONS

- Admaterials Technologies Singapore
- TUV SUD PSB Singapore
- Green Label Singapore
- SIRIM Malaysia.
- Singapore HDB approved



TECHNICAL PROPERTIES

Density @25°C (ASTM D1475: 2013)	:	1.0 ± 0.05 g/cm ³
Water Retention (ASTM C156: 2020)	:	≤ 0.55 kg/m ²
Curing Efficiency Index (BS 7542: 1992)	:	50% (Typical)
Non-Volatile Matter (ASTM D1644:2017)	:	9.5 ± 1.0%
Flash Point (ASTM D93A: 2019)	:	>63°C
(waterbased, not flammable)		

Average compressive strength of normal concrete was compared with concrete treated with CL-Cure C150: -

Curing Period / day	Average Compressive Strength, N/mm ²	
	Control	CL-Cure C150
3	18.4	21.9
7	20.8	24.7
28	22.7	25.2

APPLICATION

Shake well before use. DO NOT DILUTE CL-Cure C150. Apply evenly by spray equipment, roller or brush to the surface of freshly laid concrete, as soon as the surface water have evaporated. CL-Cure C150 is milky white colour on application. This helps to identify the area that is coated. On drying it leaves a transparent film.

Do not use CL-Cure C150 when temperature falls below 5°C.

TOOL CLEANING

Clean all tools with water immediately after use. Use general purpose thinner to remove hardened material.

COLOUR

Available in blue and natural milky white colour.

COVERAGE

Approximately 5 – 6 sq meter per litre depending on substrate porosity.

SHELF LIFE

2 years in unopened container and kept away from direct sunlight.

PACKING

Available in 20 litre pail and 200 litre drum.

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Disclaimer: Specification are subject to change without notification.



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