



CL – WATER BLOCK 1000

CRYSTALLINE CEMENTITIOUS WATERPROOFING

DESCRIPTION

CL-Water Block 1000 is a crystalline cementitious waterproofing additive that designed to be integrated as concrete additive at the time of batching for the protection of concrete against water penetration. It will reacts with moisture and free lime in the concrete, forming crystals which seal the capillaries and pores for waterproofing / damp proofing of new and existing structures.

USES

- Basement Slab and Wall
- Water Retaining Structure
- Swimming Pool and Deck
- Planter Boxes and RC Gutter
- Wet Areas
- Parking deck

FEATURES

- Provides long-term positive and negative waterproofing even under high water pressure.
- Fully integrated with concrete, becoming an integral part of the concrete structure.
- Seals hairline cracks up to 0.4mm that may occur from subsequent shrinkage
- Non-toxic.

TECHNICAL INFORMATION

Initial Setting Time	: 20 minutes @ 30°C
Final Setting Time	: 24 hours
Water Pressure Resistance	: > 5 bar
Water Penetration, 5 bar@ 72hr	: 12mm
Toxicity (BS6920:2000)	: Passed

APPLICATION

Weigh CL-Water Block 1000 in accordance to 0.8% - 1.2% against cement content. Add CL-Water Block 1000 into the central batching mixer or ready-mix concrete truck. Ensure an even and homogeneous mix is achieved throughout before discharging the concrete.

CL-Water Block 1000 must be used in concrete with minimum cement content of 300 kg/m³ and maximum water cement ratio of 0.45. Care should be taken to ensure proper curing of the concrete as it will affects the watertightness of the concrete.

COVERAGE

0.8% - 1.2% against cement content on a pre-approved mix design.

SHELF LIFE

12 months when store in cool and dry place.

PACKING

Available in 25kg pail and 20kg bag.

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Disclaimer: Specification are subject to change without notification.

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