



# CL – WATER BLOCK SLURRY 71

## CRYSTALLINE CEMENTITIOUS WATERPROOFING COATING

### DESCRIPTION

**CL-Water Block Slurry 71** is a special waterproofing coating used to provide waterproofing and protection to the concrete structure. When applied to the concrete substrate, the active ingredients in the coating reacts with the free lime present on the concrete substrate to form crystals which seal the pores and making the concrete surface impervious to water penetration. Leaky hairline cracks in concrete structure will be sealed permanently with the development of hard crystals in the cracks which eventually stop any water penetration.

### USES

- Basement Slab and Wall
- Water Retaining Structure
- Swimming Pool and Deck
- Planter Boxes and RC Gutter
- Roof Garden
- Wet Areas
- Ground Beams and Pile Caps

### FEATURES

- Can be applied both on the active and passive side of the concrete structure.
- Seal micro pores present in concrete and cracks up to 0.4mm in width.
- Compatible with all masonry structures.
- Provide excellent bonding to concrete structures
- Non-toxic
- Can be use in contact with potable water.
- Can be applied on damp surface without affecting its performance
- Can withstand extreme high hydrostatic pressure not less than 8 bars

### TECHNICAL INFORMATION

Working Time : 30 minutes @ 30°C  
Adhesion to Concrete : > 1 N/mm<sup>2</sup>  
Water Pressure Resistance : > 5 bar

### SURFACE PREPARATION

Surfaces to be waterproofed must be sound, free from contaminants. For honey-combed, tie-rod holes, cavities shall be repair with high strength grout or polymerized cement.

### MIXING

Mix 25kg of CL-Water Block Slurry 71 with 7.5 – 8.0kg of water thoroughly with an electric mixer at slow speed until obtaining homogenous mixture. Care to be taken to avoid air trap. For spraying application, use 8.5 – 9.0kg of water.

### APPLICATION

Dampen the surface to saturation.

Apply first coat of CL-Water Block Slurry 71 onto the prepared surface with a brush, roller, trowel or spray and allow to cure for 3 hours minimum before the next application.

Apply second coat of CL-Water Block Slurry 71 within 48 hours after the first coat has set hard, and allow to dry overnight. Protect from rain and traffic for at least 24 hours. Wet cure for at least 3 days by spraying water to the coated surface.

For reservoirs that will contain drinking water, allowed to cure longer if possible, and then rinse with fresh water several times before use.

For surfaces that will subject to paint coating application, wash the harden CL-Water Block Slurry 71 surface in order to remove the loose surface particles prior application.

For other subsequent cementitious installation, it can be done within 48 hours after CL-Water Block Slurry 71 has dried.

### COVERAGE

0.6 kg/m<sup>2</sup>/coat, minimum 2 coats.

### SHELF LIFE

1 year when store in cool and dry place.

### PACKING

25 kg bag.

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Disclaimer: Specification are subject to change without notification.

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