



Hydraguard CM201

Chemical & Water Proof Cementitious Slurry

Description

Hydraguard CM201 is a 2-component, flexible slurry based on special synthetic resin dispersion and a blend of selected high alumina cement mixed with well-graded fillers. Hydraguard CM201 adheres to practically every surface, flexible and fills hairline cracks, waterproof, chemical and thermal protection.

Hydraguard CM201 fills and seals pore and voids for total protection against dampness and moisture penetration. In seals above and below grade on any masonry wall internally or externally against water and dampness. Protection against water damage, erosion, frost, spilling, weathering, chemical and thermal. Stop leaks in all kinds of cement based containers or tanks.

Hydraguard CM201 provides strong adhesion, high water tightness and keeps water out of lift pits and machinery. Hydraguard CM201 penetrates deep into pores of masonry and concrete, bonds tightly whilst still permitting water vapor transmission.

Object

Hydraguard CM201 is designed to protect the substrate against chemical and also can use as a waterproof layer.

Hydraguard CM201 is not only have the waterproof and chemical resistance properties but also resistance to high temperature resistance and thermal shock.

Hydraguard CM201 is suitable for use as : sea wall, sea water tank, waste water treatment plant, internal lining and drainage channel of sewage systems.

Advantage

- UV Resistance
- Easy application, by brush or trowel in thin layer
- Excellent adhesion to all mineral based substrates such as concrete, mortar, brickwork
- Excellent chemical resistance
- Waterproof
- Thermal shock resistance
- Very good Flexibility
- Resistant to frost and thawing salts

Instruction for Use

- Surface to be coated must be thoroughly clean grind or and wash off all defective materials and foreign matters such as paint, dirt, fungus.
- Damp the surface immediately before application. Do not wet the surface excessively or allow poundings of water on the floor.
- For brush application, mix Part A (Powder) with Part B (Liquid) at the ratio 4 : 1 By Wt. with a slow speed mixer until a homogenous, lump free mix is obtained. Do not mix more material at once than can be used within one half hour.
- For low water pressure and dampness, brush applies 2 even coats of Hydraguard CM201 at the rate of 1 kg/m² minimum per coat.
- For higher water pressure, brush 1 coat of Hydraguard CM201 at the rate of 1 kg/m² and trowel apply at 3 kg/m².

Characteristics

Appearance :	Grey
Compressive strength :	570 ksc @ 28 Days
Flexural Strength :	120 ksc @ 28 Days
Bond Strength :	20 ksc @ 28 Days
Pot Life :	20-30 min.
Density :	1.9 kg./l.

Packing

- A (Powder) : 20 kgs./bag
- B (Liquid) : 5 kgs./pail

Precaution

Make sure surface preparation, instruction are followed before application and no rain for at least 3 hours after application.

Hydraguard CM201 is non-toxic but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with plenty of clean water. In the event of prolonged irritation, seek medical advice.

Storage

Store under dry conditions and in unopened containers, not below + 5 ° C. Do not expose to strong sunshine. Keep well away from open flames.

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