



ULTRASEAL CCW

CRYSTALLINE CONCRETE WATERPROOFING

PRODUCT DATA INFORMATION

DESCRIPTION:

ULTRASEAL Crystalline Concrete Waterproofing products consist of organic and inorganic crystals, quartz sand and Portland cements. The reaction of the “free lime” in concrete and the chemicals, with the presence of moisture forms crystals, which seals the capillaries in concrete. The process of crystalline growth in the presence of moisture is continuous and can penetrate deep into the capillaries of concrete.

USES:

ULTRASEAL CCW Slurry is used to waterproof masonry and concrete structures. It is applied on the interior or exterior surface, since it is equally effective, with or against a head of water. It is used on foundation walls, slab or grade, water tanks, water towers, reservoirs, swimming pools and concrete tunnels.

APPLICATION:

All surfaces to be treated must be clean and free from paint, oil, grease, curing compounds and laitance. Vertical surfaces shall be water or sand blasted to open the capillaries and to ensure proper penetration of the chemicals. The presence of moisture is essential to the process, and all surfaces shall be water soaked prior to application. Repair all cracks and honeycomb, fill reglets and form coves using ULTRASEAL CCW Mortar mix.

Mix slurry seal using one part clean water to two and one half (1:2.5) of dry volume to a slurry consistency.

Using a stiff brush apply two coats of slurry seal, the second coat applied while the first is still ‘tacky’. For horizontal slab application, broadcast slurry seal powder into the freshly poured slab and wood float at the time of initial set.

Freshly applied CCW Slurry contains water and must not be applied or exposed to freezing temperatures. It must not be allowed to dry out too quickly. Curing with water for two to three day is recommended in hot and windy environments.

APPLICATION RATES:

ULTRASEAL CCW Slurry	0.75 kg/m ² – 1 kg/m ²
ULTRASEAL CCW Mortar	1.8 kg – 2.8 kg/meter 25mm x 25mm

Broadcast dry CCW Slurry powder into concrete slab at the rate of 0.5 to 1 kg/m².

LIMITATIONS:

Mix enough CCW Slurry that can be used within 45 minutes – after which it starts to set. Do not add more water once mix has started to set. Back filling operations can start 24 – 48 hours after application of ULTRASEAL CCW Slurry.

For special or unusual situations, contact an ULTRASEAL Representative for assistance.

Disclaimer Ultraseal Waterproofing and Sealant Technologies Inc. believes that the information contained herein is an accurate description of and uses of the product, but it is the buyers and users responsibility to determine and thoroughly confirm fitness and compatibility for use and to determine performance, efficacy, and safety.

5309 Maingate Dr. Mississauga, Ontario Canada L4W 1G6
905-629-2209 / Fax: 905-629-3761 / Toll Free: 888-385-8721
www.ultrasealproducts.com

