

**DESCRIPTION:**

DAMP SEAL® is a cement based chemical treatment that reacts with moisture within the core structure of the concrete to produce a non-soluble crystallized “plug” inside the pores of the concrete to prevent water seepage.

**USES:**

DAMP SEAL® is recommended to damp-proof concrete foundations, basement floors, slabs, tanks, and concrete pipe.

**ADVANTAGES:**

DAMP SEAL® can be applied to surfaces that are damp. DAMP SEAL® allows concrete to “breathe”, thus not trapping existing water in the structure. This material is a non-toxic treatment that also protects concrete from foreign substances and freeze-thaw deterioration.

**PROCEDURES:**

**SURFACE PREPARATION:** All surfaces to be in contact with DAMP SEAL® must be entirely free from oil, grease, or any other foreign substances which may interfere with the bond and chemical action of this material. Slick or sealed surfaces must be thoroughly roughened. All surfaces must then be completely wetted with excess water removed.

**MIXING:** Rubber gloves are suggested. Use 3 parts DAMP SEAL® to 1 part potable water (by volume). Mix to a consistent thick slurry by hand or with a paddle mixer. Only make as much as can be used in ten minutes.

**PLACING:** Apply DAMP SEAL® with a heavy nylon bristle brush or broom to an even thickness of not over 1.25 mm (1/16”). If needed, a second coat can be applied within 48 hours.

**CURING:** The presence of moisture is important to promote the growth of crystalline growth within the concrete and proper hardening of the coating. DAMP SEAL® will begin to set in approximately one to two hours. After hardening, DAMP SEAL® must be brush or spray dampened 3 to 4 times a day for the next 2 to 3 days. In hot weather conditions, prevent the coating from drying too quickly. Dampen the coating more frequently than in normal conditions for proper curing.

**YIELD:**

At a recommended thickness of 1.25mm (1/16”), 1kg (2.2lbs) of DAMP SEAL® will cover approximately 1.1m<sup>2</sup> (12 ft<sup>2</sup>) depending on surface conditions.

**LIMITATION:**

DAMP SEAL® is not a product designed to create an impermeable or wearing surface. DAMP SEAL® is a damp-proofer which still allows the concrete to “breathe”. Exceeding recommended water additions will result in inferior physical properties. Apply in temperatures of 5 - 20°C (40 - 70°F).

Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

**PACKAGING:**

DAMP SEAL® is available in 4 kg and 10 kg plastic pails. All Basalite Dry Mix materials can be custom packaged to suit specific project requirements.

**SAFETY PRECAUTIONS:**

Wear rubber gloves, dust mask, and safety glasses. Avoid contact with eyes and skin. Flush any exposed areas thoroughly with water. Safety Data Sheet is available at [www.basalite.ca](http://www.basalite.ca).