



BC Stone protection

Description

BC Stone protection is an acrylic polymer sealer developed specifically for exterior applications, including exposed aggregate and other architectural concrete surfaces.

BC Stone Protection provides a clear non-yellowing protective coating that brings out the radiance and luster of all natural aggregate and preserves a long lasting, durable finish.

BC Stone Protection is ideal for precast, architectural concrete, exposed aggregate slabs, walkways and walls.

Uses

For exterior, vertical and horizontal cured concrete surfaces. Concrete must be minimum 28 days old. It is applied to concrete to protect surface from the damaging effects of freeze-thaw exposure, deicing chemicals, and airborne contaminants.

Two coats are always recommended. Applications include sidewalks, patios and driveways. BC Stone protection can also be used as a finish top coat

Composition / typical properties

It is a proprietary formulation of acrylic polymer resin

Mixing Instructions

Stir BC Stone Protection slowly and thoroughly using slow speed mixing equipment before each use. Do not aerate with high speed mixers. Do not thin or dilute in any way.

Application Techniques

Make sure that area is adequately ventilated. For best results apply when concrete surfaces or ambient temperatures

Ensure application equipment is clean and free of previously used materials.



BC stone protection is ready to use directly from the container. Do not mix with other chemicals or alter in any way. Do not pour unused chemicals back into open containers.

BC Stone Protection is a sprayable liquid.

Application can be

made with low-pressure spray cans or explosion-proof power sprayers. Can be applied by spray, short nap roller or brush.

Existing concrete must be cured a minimum 28 days. (Not to be used on freshly placed concrete.) The surface must be thoroughly cleaned and dried before applying BC stone protection.

Pressure wash with an alkaline detergent to remove dirt and oils. Curing compounds and old sealer must be chemically or mechanically removed from concrete.

All surfaces must be allowed to thoroughly dry prior to application

Apply at a uniform coverage by spray, short nap roller or brush

Drying time for BC Stone Protection is approximately 2-4 hours however if a second coat is desired on cured concrete, allow first coat to dry overnight (preferably 24 hours).

Apply at 90° angles to first coat. Two thin applications are effective than a single thick coat. Do not apply during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which do not allow the film to form properly. Maximum hardness of sealer is obtained in 7 days.

Coverage

On dry, hardened concrete, use at the rate of 8 Sqm / Kg. Two coats are recommended for best results. (On exposed aggregate, coverage will be less.)