



Impregnating Sealer for Hydrophobic Sealing of Natural Stone / Cementitious Surfaces from Water, Stains, Wear, Biological Growth, Environmental Pollution and Weathering

General

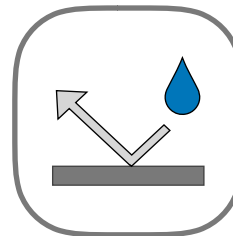
SS - ProtectoSeal SB is a hydrophobic colourless transparent impregnation based on nano-technology incorporating selected silane / siloxane technology. It is a single component and low viscosity impregnation. It is rapid drying. The impregnation offers excellent resistance to water, stains, UV and weathering. Owing to its formulation, it has excellent penetrability into both neutral and alkaline surfaces and makes the surfaces hydrophobic but breathable. It works by capillary action rendering the capillaries non wettable.

By virtue of very Small Molecular Structure of **SS - ProtectoSeal SB**, the natural stones / cement bound surfaces exhibit added repellency to liquids. It bonds chemically to substrates. It penetrates effectively achieving excellent impregnation while retaining the original appearance of substrates. The applied surfaces are harder and less slippery. Highly recommended for flamed, tumbled and textured stones.

It can also be used as a priming basecoat for the **SS – ProtectoCon SB / Paver System**, when used on natural stone surfaces.

Product Features

- Hydrophobic, transparent and impregnating
- Both for exterior use and well-ventilated indoors
- Low VOC after Application
- Excellent penetration on natural stone surfaces
- Dries tack free and does not form a film
- Excellent protection against water and oil based stains
- Minimizes efflorescence and rust stains
- Invisible protection and preserves natural look
- Resistant to weathering and UV stable
- Resistant to environmental pollution and soot
- Water vapor permeable but resistant to liquid water
- Reduces Biological growths, moss, fungus etc.
- Priming Base Coat for **SS – ProtectoCon SB System**



Sealers and Cleaners



Areas of Application

- Cement Bound Surfaces
- Concrete / Plasters / Screeds
- Limestone
- Marble
- Granite
- Sandstone
- Flagstone
- Slate
- Travertine
- Basalt and Kotah or Other Natural Stones in varying textures



Areas of Application

Specification Keywords	Hydrophobic, Deep Impregnating, Silane-Siloxane, Breathable, Natural Look, non-film forming, for all natural stones, cement-bound surfaces, UV, Water, Abrasion Resistant
Delivered As	Low Viscosity Liquid
Storage Instructions	Store in a cool and dry area away from sunlight, in original packaging
Shelf Life	12 Months
Post Use	Empty packaging completely. Dispose as per local regulations.
Packing Size	25 kg, 200 kg



Hazards and Safety



Technical Data

Sp. Gravity	0.90 ± 0.05
Application Rate	60 to 70 sq. ft / L
Touch Dry	1 hour, depending on drying temperature
Walkability	Surface Usable after 24, preferably after 48 hours
Mixing Ratio	Ready to Use
Pot Life	Not Applicable

Instructions for Use

Always test in a small inconspicuous area with a 24-hour cure time to determine consumption, ease of application and desired results. Surface temperature should be Cool Enough to prevent rapid drying and more than 10°C. The substrate must be clean, dry and free from all loose particles, dust, oil and other materials having a separating effect. The substrate should be of sound nature and adequate strength for maximum protection. The product should be thoroughly mixed before Application. **SS - ProtectoSeal SB** should be applied by brush, roller or by solvent resistant airless spray.

Mask off any surfaces not intended to be treated. Liberally apply an even coat with a paintbrush, paint roller or low-pressure, solvent-resistant sprayer. Do not dilute before using. Allow sealer to penetrate the surface for 5 – 30 minutes. During this time, distribute excess sealer over entire area to ensure even penetration. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. A second coat may be needed for porous, absorbent surfaces and should be applied 30 minutes after initial application when surface is dry. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Allow minimum 24 hours before surface can be used. Impregnated surfaces can be over-coated with **SS – ProtectoCon SB**.

Safety and Precautions

- Take safety precautions at all times. Do not store or use near sparks or open flames. Do not smoke in the vicinity of application. Use this material in a well-ventilated area away from sparks and open flames. Always wear protective goggles, safety shoes, masks and gloves.
- If inhaled, move immediately to fresh air. In case of skin or eye contact, flush immediately with water for 15 minutes. Remove contaminated clothing and shoes and call a physician.
- Rags and equipment that are wet with product may be flammable. Clean up promptly after job is complete. Clean equipment with **SS – Cleaner U** and allow to dry in a well-ventilated area. Allow rags etc. to dry in a well-ventilated area out of the reach of children and pets. Local, state and federal regulations should be consulted for proper disposal procedures.