



Reactive, Hydrophobic, Penetrating Solvent Free Sealer for Absorbent Substrates like Clay Bricks, Masonry Blocks, Gypsum and Porous Natural Stones

General

SS – ProtectoSeal SW is a silicone based penetrating and reactive sealer, meant to protect absorbent architectural surfaces from water. The material is ready to use, colourless and a hydrophobic water repellent. After the water has evaporated, the material reacts with air to form insoluble carbonate and an active water-repellent by-products, chemically bound to substrates.

SS - ProtectoSeal SW maintains the natural look of the absorbent surfaces, be it clay bricks, masonry blocks, gypsum or cement plasters or porous natural stones. The material provides an excellent beading effect and protection against water uptake.

SS – ProtectoSeal SW has a low viscosity for maximum penetration and dries rapidly to natural colour of the substrate. By virtue of its micro-molecular size, the material penetrates into the substrate and is unaffected by abrasion, water, UV or weathering.

Specialized additives in **SS – ProtectoSeal SW** ensure excellent penetrability into both neutral and alkaline surfaces and makes the surfaces water repellent but breathable. The material is drawn into the capillaries of the substrate, rendering them non-wettable. The product works best on absorbent or slightly absorbent surfaces.

Product Features

- Solvent Free - Low VOC
- Deep impregnating and excellent hydrophobicity
- Good beading effect & maintains breathability
- Can be used both indoors and outdoors
- Unaffected by weather, UV or abrasion
- Impregnating, non-film forming, dries tack free with water repellent effect
- Preserves natural look of substrate
- Reduces efflorescence and moss/fungus growth
- Long lasting protection
- Non-tackiness protects substrate from pollution & soot
- Deep penetration on absorbent surfaces



Sealers and Cleaners



Areas of Application

- Clay Bricks
- Stone Masonry Blocks
- Porous natural stone like sandstone, laterite, slate, etc.
- Gypsum or Lime Plasters
- Cement Plasters or Renders
- Terracotta
- As an additive to plasters or renders or mortars
- Aerated / foamed concrete
- Additive to plaster or cement fibre boards
- Concrete facade panels or concrete tiles
- Porous lime based mortars for pointing
- Pretreatment of porous stone flooring

Areas of Application

Specification Keywords	Reactive Sealer, Hydrophobic Sealer, Solvent Free, Breathable, Natural Look Sealer, Beading Effect, Impregnation, Low VOC
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	30 kg



Hazards and Safety



Technical Data

Viscosity	11 to 12 seconds by Ford B Cup
Sp. Gravity	1.00 ± 0.05
Coverage	60 to 70 sq. ft. per Litre, depending on porosity of substrate
Surface Usable After	24 to 48 hours depending on ambient temperatures
Mixing	Mix material well in packing, prior to use
pH	~ 10

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 > 10 °C. The substrate must be clean, completely dry and free from all loose particles, dust, oil and other materials having a debonding or pore blocking effect [e.g. old sealers, waxes, etc.]. The substrate should be sound and of adequate quality for maximum protection. Mix the product thoroughly prior to application. **SS – ProtectoSeal SW** should be applied by brush, roller or by low pressure airless spray.

Mask off any surfaces not intended to be treated and protect surrounding vegetation. Liberally apply an even coat with a paintbrush, paint roller or low-pressure 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, as it may leave a whitish residue. 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.

Safety and Precautions

- Take suitable safety precautions at all times. 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.
- Clean up promptly after job is complete. Clean equipment with water 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.