

GBS Penetrating Sealer

A penetrating water dispersed polyester polymer and water-borne polyurethane that when dry fills the voids and coats the interior particles

September 2022



Physical Constants

Specific Gravity: (H₂O=1) 1.10@ 20° C.

Solubility in Water: Soluble

Evaporation Rate: Same as water

pH: 6.8

V.O.C.: 0.12 Lb/G 13.63 g/L

As per EPA Method 24

Viscosity: Same as water

Method of Application: Sprayer

% solids by Weight: 13%

Appearance: Translucent-no color

Thinning: This is a 1 component system,
Do Not add water. Supplied at normal
viscosity

COVERAGE RATE:

200 sq. ft. / gallon (Depends on roughness
of surface & degree of porosity)

CONTAINER SIZES & WEIGHTS:

1-Gallon Bottles- 9.4 Lbs

5-Gallon Pails- 46 Lbs

55-Gallon Drums- 496 Lbs.

PRODUCT ADVANTAGES

- * Non-Toxic * No Shine * Non-Slip * Water Based
- * Penetrating Polyester Seals & Densifies
- * Spray on Application * Low V.O.C.s
- * 15 Year Waterproofing Warranty

TYPICAL USES

Apply on horizontal or vertical surfaces such as sidewalks, driveways, parking decks, floors, chimneys, walls, brick, pavers, stucco, concrete and porous stone.

Quality Control Tests:

ASTM 413, ASTM C140, ASTM 123D, ASTM 642-82
ASTM C672, AS 1012.21-1999, Blue Dye Test, NCHRP
244-Cube Test, NCHRP 244-Southern Exposure



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APPLICATION INSTRUCTIONS

Limitations: Apply in good weather when air and surface temperature are above 45°F. and surface temperature is at least 5°F. above the Dew Point. For optimum application properties, materials should be between 70-90°F. prior to application. Maintain unused material in closed containers in protected storage at 40-90°F **out of direct sunlight**. Not intended to be used submerged in water for extended period of time.

If surface does NOT absorb water, then there is possibly another sealer applied to the surface and **GBS Penetrating Sealer** should not be applied.

To paint over a **GBS Penetrating Sealer** treated surface, use only a good quality acrylic, oil-base, epoxy or urethane paint. Do not use latex paint over a **GBS Penetrating Sealer** coated surface since latex paint makes a weak bond especially in exterior applications.

SURFACE PREPARATION:

1. Always test on surfaces prior to application.
2. Clean all dirt, oil and grease off the surface using a neutral pH cleaner/degreaser such as **HydroxiPro Concentrate**. If the surface has a sheen to it or was power troweled, then either grind mechanically or use **GBS Micro Etch** to remove the sheen and create a porous surface. In all cleaning cases, rinse well using 3000 psi pressure washer and allow it to dry thoroughly before application. If inside, use several rinses and a 'wet vac'.
3. Apply GBS Penetrating Sealer with a low-pressure sprayer or $\frac{3}{8}$ " nap roller. **GBS Penetrating Sealer should be applied liberally to allow the surface to drink as much as possible without leaving puddles. Back roll to even out the material and to remove any puddles in low spots. Do this 3-5 times, always coating wet on wet.**
4. Allow to dry thoroughly before traffic is allowed onto floor; indoors approx. 5 days, outdoors 24-48 hours depending upon temp, humidity and air flow; avoid using before rain.
New Concrete: Let dry and cure for 21-28 days depending on temperature and humidity before applying GBS Penetrating Sealer. pH needs to be 7-9 before application. Always test to be certain.

Safety: Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product. User is specifically directed to consult the current Material safety Data Sheet for this product as well as precautions contained on product labeling.

Notice: The technical data contained herein is true and accurate to the best of our knowledge. All products are offered and sold subject to Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

Sealing with GBS Penetrating Sealer