



PENABRICK WB

Water-Based Penetrating Silicone Sealer

1. Product Description

a. **Basic Use:** Penabrick WB is a water-based, single component, VOC compliant, silicone waterproofing sealer designed to penetrate and protect brick, stone, stucco and mortar. Penabrick WB is a very low viscosity water repellent capable of penetrating most substrates. It protects surfaces from rain, sleet, snow, de-icing chemicals and acid rain. Penabrick WB penetrates and adheres to most surfaces, producing a weather resistant sealer. Penabrick WB should be used on surfaces that are porous and have not been previously waterproofed. Use Penabrick SB to retreat previously waterproofed surfaces.

b. **Features/Benefits:**

- Ready-to-use formulation does not require job-site multi-component mixing, saving labor costs.
- Reduces efflorescence by preventing moisture intrusion.
- Does not contain solvents and totally complies with VOC regulations.
- Easy-to-apply by brushing, rolling or spraying.
- Compatible with most sealants and caulking compounds.
- Sealer helps prevent dirt, pollutants and other unwanted deposits from adhering to the treated surface.
- Good chemical resistance against de-icing compounds, acid rain, alkali attack and mild acids.
- Helps prevent moisture infiltration reducing effects of freeze/thaw and spalling damage.
- Clear formulation helps prevent surface discoloration and staining from ultraviolet light.

c. **Typical Application:** Penetrating sealer for all types of masonry and portland cement based surfaces including concrete, brick, block, stone, stucco and mortar. May be used on vertical and horizontal surfaces.

d. **Limitations:** Do not apply when temperatures are below 40°F (4°C). Do not allow to dry on glass or aluminum before clean-up. Penabrick WB must be applied to a porous surface. Use Penabrick SB on low porosity surfaces like dense brick or on surfaces that repel water because of previously applied waterproofings.

e. **Composition:** Penabrick WB is a single component system consisting of a water-based carrier and silicone polymers.

f. **Appearance:** Penabrick WB is clear in color and leaves no noticeable film.

2. Packaging

Penabrick WB is packaged in three standard units:

<i>Unit</i>	<i>Shipping Wt.</i>
<i>1-gal. (3.8 liter) jug (4 per case)</i>	<i>55 lbs. (24.9 Kg)</i>
<i>5-gal. (18.9 liter) pail</i>	<i>46 lbs. (20.9 Kg)</i>
<i>55-gal. (208 liter) drums</i>	<i>509 lbs. (230.9 Kg)</i>

3. Estimating/Coverage

The recommended coverage rate for each unit size is shown below:

<i>Unit</i>	<i>Coverage*</i>
<i>1-gal. (3.8 liter) jug</i>	<i>75-150 sq. ft. (7.0 to 13.9 sq. m)</i>
<i>5-gal. (18.9 liter) pail</i>	<i>375-750 sq. ft. (34.8 to 69.7 sq. m)</i>
<i>55-gal. (208 liter) drum</i>	<i>4,125-8,250 sq. ft. (383.2 to 766.4 sq. m)</i>

*Actual coverage depends upon surface porosity and texture.

4. Technical Data

a. **Applicable Standards:** Meets VOC regulations throughout the United States.

b. **Chemical Resistance:** Penabrick WB is unaffected by exposure to cleaning compounds, rain, snow, sleet, de-icing chemicals, ozone, acid rain, alkali and mild acid attack.

c. **Solids:** 5% silicone active ingredient.

d. **Shelf Life:** 1 year

5. Directions for Use

a. **Preparation:** The surface to be treated must be physically sound, thoroughly clean, free of oil, wax, curing compounds, rust, scale and other deleterious materials and completely dry.

b. **Priming:** No primer is required.

c. **Mixing:** Penabrick WB is a single component system that requires no mixing before application.

d. **Application:** Apply Penabrick WB by brushing, rolling or spraying onto properly prepared surfaces. Use material directly from container and distribute in a uniform manner. A second application may be done within 4 hours on highly absorptive surfaces or where additional protection is required. If recoating is necessary after water-repellency has been achieved with Penabrick WB, then the use of Penabrick SB is recommended.

e. **Working Time/Pot Life:** Penabrick WB has no working time or pot life limitations if kept in a closed container.

f. **Cure Time:** Penabrick WB achieves final cure in 2 to 3 days.

g. **Clean Up:** Waterzall Concentrate and water may be used for cleaning tools and equipment.

h. **Maintenance:** Penabrick WB surfaces should be cleaned with a Waterzall Concentrate and water solution. Penabrick WB may be reapplied to itself after proper surface preparation.

6. Availability

Penabrick WB is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Penabrick WB is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries

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