



# PENABRICK PLUS

## *Penetrating Siloxane Sealer*

### 1. Product Description

a. **Basic Use:** Penabrick Plus is a single component siloxane based sealer designed to penetrate and protect brick, stone, stucco and mortar. Penabrick Plus penetrates and adheres to most surfaces producing a weather-resistant sealer. It chemically reacts within the pore structure to form a blocking compound that virtually waterproofs the surface.

b. **Features/Benefits:**

- Provides a 95% effective barrier system against moisture infiltration.
- Ready-for-use formulation does not require multi-component mixing, saving labor costs.
- Compatible with most sealants and caulking compounds.
- Good chemical resistance against de-icing compounds, acid rain, alkali attack and mild acids.
- Versatile formulation permits use on both new and existing masonry surfaces.
- Easy-to-apply by simply brushing, rolling or spraying.
- Helps prevent moisture infiltration, reducing effects of freeze/thaw and spalling damage.
- Sealer helps prevent dirt, pollutants and other unwanted deposits from adhering to the treated surface.
- Reduces efflorescence by preventing moisture intrusion.
- Clear formulation helps prevent surface discoloration and staining from ultraviolet light.

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

d. **Limitations:** Do not apply when temperatures are below 40°F (4°C). Penabrick Plus will not waterproof concrete or masonry block.

e. **Composition:** Penabrick Plus is a single component system consisting of hydrocarbon solvent as the carrier and siloxane based polymers.

f. **Color/Appearance:** Penabrick Plus is clear in color and leaves no noticeable film.

### 2. Packaging

Penabrick Plus is packaged in three standard units:

<i>Unit</i>	<i>Shipping Wt.</i>
<i>1-gal. (3.8 liter) can (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. (208.2 liter) drum</i>	<i>509 lbs. (230.9 Kg)</i>

### 3. Estimating/Coverage

The recommended coverage rate for each unit is shown below:

<i>Unit</i>	<i>Coverage*</i>
<i>1-gal. (3.8 liter) can</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:** National Cooperative Highway Research Program #244 Test Method.

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

c. **Water Absorption:** ASTM C 642, 93% effective in water repellency.

d. **Solids:** 5% siloxane active ingredient.

### 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. **Primer:** No primer is required.

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

d. **Application:** Apply Penabrick Plus 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 on highly absorptive surfaces or where additional protection is required. Apply second coat while the surface is still wet from the first coat.

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

f. **Cure Time:** Penabrick Plus achieves final cure in 3 days.

g. **Clean Up:** DL Solvent should be used to clean tools and equipment.

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

## 6. Availability

Penabrick Plus 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 Plus 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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