

# SilaCast PCS

## Penetrating Concrete Sealer

**TOTALLY WATER  
BASED**



### DESCRIPTION

SilaCast PCS (Penetrating Concrete Sealer) is a non hazardous clear reactive silicate designed to protect and preserve poured concrete, concrete pavers, roof tiles and other cementitious substrates from the damaging effects from weathering and water intrusion. SilaCast PCS leaves no film on the surface and is 100% transparent.

### USE

Clean surface and cover any doors, windows or substrates not to be sealed with SilaCast PCS. **DO NOT GET ON GLASS.** Apply SilaCast PCS without dilution directly to surface to be treated until saturated. Avoid runs, drips and puddling of SilaCast PCS. Over applying can cause a whitening effect creating an undesired appearance. Because SilaCast PCS is water- based the product cannot be applied more than once.

### B E N E F I T S

- Protects and preserves
- Reduces mildew growth on surface
- **DRIES CLEAR, non-yellowing, no odor**
- Dries in 2 to 4 hours
- Can be applied to dry or damp concrete
- Easy to apply, eliminates scheduling problems
- Only one application required
- Non-Toxic - Non-Caustic - Non-Flammable
- Excellent for interior applications
- Can be painted or coated
- Unaffected by ultraviolet rays
- Air or airless sprayer applied
- No mixing, ready to use
- 5 gallon packaging
- Tested by SGS U. S. Testing



**BUILT GREEN™**

### ENVIRONMENTALLY FRIENDLY



**“ Dry As a Bone “**



**DECO PRODUCTS, INC.**

For More Information Contact:

DECO Products, Inc.  
1-800-500-DECO

Made in the U.S.A.



# S P E C I F I C A T I O N D A T A

## Preparation:

Repair all structural deficiencies before applying SilaCast PCS. Cover all areas or surfaces not to be sealed, such as doors, windows and floors, prior to applying. Seal or repair all cracks or deficiencies.

## Application:

Apply SilaCast PCS, without dilution, with a hand-pump sprayer or airless sprayer. For spraying application, and depending upon sprayer equipment used, it is recommended that an orifice size of 0.035 inches be used for testing to insure proper material application. Do not apply over 100 PSI. Apply SilaCast PCS until saturation. Do not interrupt application process until area is completely treated.

Equipment cleans up easily with soap and water.

## APPLY ONLY ONCE

## WARRANTY:

SilaCast PCS is warranted as specified for a period of not less than one year from date of application. DECO Products, Inc. warrants its product to be good quality and will replace or refund the purchase price of any product proved defective. It is the responsibility of the buyer to determine that this product meets their needs and to apply it properly. The application of SilaCast PCS requires that the installer be skilled in achieving results from applying this product. Satisfactory results depend not only upon quality product, but also upon many factors beyond DECO Products, Inc.'s control. DECO Products, Inc. makes no warranty or guarantee, expressed or implied, including warranty of fitness or merchantability respecting its products. DECO Products, Inc. shall have no other liability with respect thereto. Guarantee of this product, SilaCast PCS, when used according to directions, is limited to refund of purchase price or replacement of product, if it is proved defective. DECO Products, Inc. shall not be liable for cost of labor, direct or incidental consequential damages.

## COVERAGE:

On concrete approximately 375 Sq. Ft. Per gallon  
On masonry block approximately 175 Sq. Ft. Per gallon  
On Concrete Tiles approximately 375 Sq. Ft. Per gallon

NOTE: Coverage rates may vary due to the porosity of the substrate.

## TECHNICAL SERVICES:

Technical advice furnished by DECO Products, Inc., concerning any use or application of SilaCast PCS is reliable as current technology allows. DECO Products, Inc. makes no warranty, expressed or implied, of any use of application for which such advise is furnished. OTHER LOW VOC products for concrete, stucco, block and specialty cementitious items are available from DECO Products, Inc. Ask your representative for details.

**TEST DATA:** SilaCast PCS meets and/or exceeds the following ASTM tests:

ASTMD 2939 - Resistance to water solubility.  
Flexibility no cracking.

ASTMD 466 - Resistance to water flow and action.

Excellent adhesion. No reemulsification.

ASTME 96 - Water vapor transmission. - 0.04 grains/sq.ft./hour

Water vapor permeability. - 0.102 perms

ASTM C 836 - Film Thickness On Vertical Surface.

SS-W-110 C - Water Repellency On Masonry Test.

1.925% Average

ASTM C 672 - Freeze/Thaw - 20 Day Cycle

## LIMITATIONS:

**DO NOT GET SilaCast PCS ON GLASS. SilaCast PCS WILL CAUSE ETCHING OF GLASS AND CANNOT BE REMOVED.**

If SilaCast PCS comes in contact with glass, clean immediately with water.

**Do not let product freeze. Store indoors at temperatures above 32 degrees Fahrenheit. The temperature must be 28 degrees Fahrenheit and rising before application.**

Do not dilute SilaCast PCS. Do not apply SilaCast PCS when the threat of rain is imminent. Do not apply SilaCast PCS on glazed tile, slate, glazed brick construction, acrylics or painted finishes. Do not use SilaCast PCS on colored concrete. SilaCast PCS will not plug holes or cracks. Cover all doors and glass openings to insure product does not come in contact with them. Use caution when applying on windy days. SilaCast PCS is not designed to be used as a waterproofing coating to stop moisture penetration caused by cracks or holes in the surface.

KEEP OUT OF REACH OF CHILDREN

## INSTALLATION:

**The use of SilaCast PCS on foundations in no way eliminates the use of a properly installed drainage system designed for the foundation wall or properly constructed concrete foundation wall. SilaCast PCS can be applied directly to block walls after the mortar joints and parging has taken its initial set.**

**NOTE: Always perform a test of SilaCast PCS to ensure desired results. After the sealer has dried on the substrate, apply water to see if sealer repels. If water repels, continue with the application of SilaCast PCS Clear Penetrating Concrete Sealer. If water absorbs into substrate and does not repel water, do not continue the application of SilaCast PCS Clear Penetrating Concrete Sealer. Call your local DECO representative for additional information.**



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