

## *Stealth Shield*

### *Water Based Breathable Penetrating Sealer*

## TECHNICAL DATA SHEET

### DESCRIPTION

**Stealth Shield** is a water-based Silicone Water Repellent made of a special hybrid of Silane and Siloxane. The active ingredients in **Stealth Shield** are a mixture of different-size particles-some larger, some smaller-to fill different size voids. This ensures good penetration into porous substrates, resulting in good coverage and durable water repellency. Additionally, the active ingredients in **Stealth Shield** Water Repellent can chemically react with the substrate, ensuring long-lasting performance. The product's excellent water repellency and fast beading action are immediately apparent. What you will not see is any significant change in the substrate's original appearance. Unlike most water repellents, **Stealth Shield** can be applied to uncured concrete once bleed water has evaporated. However, the penetration, performance, and durability of **Stealth Shield** is increased by every day that application can be delayed up to 28 days.

### USES

**Stealth Shield** provides water repellency to porous construction materials such as concrete, bricks, stone, masonry blocks, mortar and grout. It is not suitable for very low-porosity substrates such as polished stone.

### FEATURES

- Water-Based
- Natural Look
- Freeze/thaw Protection
- Salt Protection
- Water Repellent
- Low VOC
- Can be applied to fresh concrete
- Minimizes Mildew growth
- Long lasting
- Retards efflorescence
- Long term durability

### SURFACE PREPARATION

Clean dirt, wax, grease, oil and other contaminants from the surface. Be sure to remove any foreign coating unless previous coating is same or similar water-based sealer. Make sure the surface is clean, dry and sound. Clean oily concrete with a cleaner/degreaser. Use a bristle brush for heavily oiled spots. If surface is slick, etch with an etcher. Rinse well with a pressure washer. Allow 24 hours to dry. Apply only when surface and air temperatures are above 50° F and below 90° F. Do not apply to excessively hot surfaces as rapid drying may cause streaking to form.

### TECHNICAL

Meets NCHRP 244  
QPL23.002 TDOT  
5% Actives

### MIXING

Shake well before use.

### COVERAGE

Coverage rate is approximately 200 ft<sup>2</sup> per gallon depending on the porosity of the substrate.

### PLACING

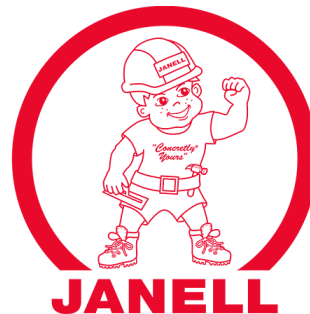
**Stealth Shield** may be applied to dry or damp concrete. Rolling is recommended for best effect. When spraying, avoid over spray. Fresh Concrete should be solid enough to walk on. Protect all nearby vegetation and other surfaces made of glass, aluminum, or metal. Apply thoroughly to saturation with sprayer, roller, or brush. Do not puddle. For vertical surfaces, apply from bottom up. Apply second coat wet on wet.

### STORAGE

Protect from freezing. Recommended shelf life is one year.

### CLEANUP

Clean tools with water.



Cincinnati, OH: 513-489-9111      Dayton, OH: 937-866-9111  
Bond Hill, OH: 513-651-9111      Columbus, OH: 614-224-9111  
Erlanger, KY: 859-341-9111      Lexington, KY: 859-254-9111



## Penetrating Water Repellent

# *Stealth Shield*

## *Water Based Breathable Penetrating Sealer*

### PHYSICAL PROPERTIES

|                  |                        |
|------------------|------------------------|
| Appearance       | Milky White Liquid     |
| pH               | 8-9                    |
| Specific Gravity | 1.0 g/cc               |
| Lbs/Gal          | 8.35                   |
| Min. Temp        | 50 degrees             |
| Water Resistance | Good                   |
| Viscosity        | 1.004 centistokes      |
| VOC              | <100 g/L               |
| Flash Point      | N/A                    |
| DOT              | Non-Regulated Material |

### CURE TIME

|               |          |
|---------------|----------|
| Dry to Touch  | 1 Hours  |
| Foot Traffic  | 4 Hours  |
| Wheel Traffic | 48 Hours |

### CONTAINER SIZES

|                          |
|--------------------------|
| 1 gallon (3.8 Liters)    |
| 5 gallon (18.93 Liters)  |
| 55 gallon (208.2 Liters) |

### HMIS

|            |   |              |   |
|------------|---|--------------|---|
| Health     | 1 | Flammability | 0 |
| Reactivity | 0 | Protection   | B |

### LIMITATIONS

Always test a small area for compatibility before proceeding. Do not use on surface that has been previously sealed. If white film forms, wash away with water. If it persists, scrub with brush and water.

### WARRANTY

Since Manufacturer has no control over handling, use or storage; no guarantee expressed or implied, is offered. The suitability of the product for use shall be solely up to the user. Manufacturer retains the right to venue.

### WARNINGS

Causes mild skin irritation

**Precaution:** Wear eye protection. Do not eat, drink or smoke while using this product KEEP OUT OF REACH OF CHILDREN.

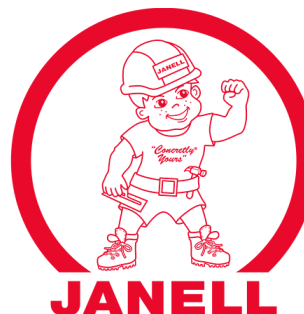
### FIRST AID

IF SWALLOWED: Get medical advice if you feel unwell. IF ON SKIN (or hair): Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice. IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

### MANUFACTURER/TECHNICAL SERVICE

Exclusively manufactured for Janell Inc. by CLEMONS CONCRETE COATINGS

Contact your Janell representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets.



|                              |                             |
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