

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 ft² per gallon depending on the porosity of the substrate.

PLACING

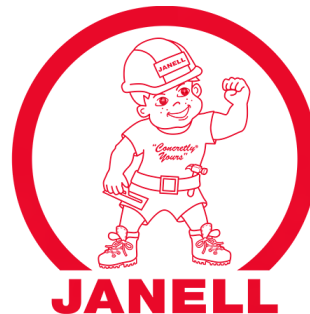
Stealth Shield may be applied to dry or damp concrete. Rolling is recommended for best effect. When spraying, avoid over spray. Fresh Concrete should be solid enough to walk on. Protect all nearby vegetation and other surfaces made of glass, aluminum, or metal. Apply thoroughly to saturation with sprayer, 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.**

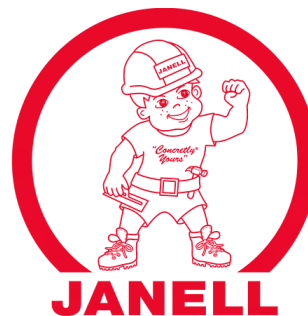
FIRST AID

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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Stealth Guard *Solvent Based Breathable Penetrating Sealer*

TECHNICAL DATA SHEET

DESCRIPTION

Stealth Guard is a solvent-based reactive penetrating sealer made of a proprietary combination of reactive compounds designed to protect concrete surfaces from staining, freeze-thaw, and salt damage. Siloxane guards the surface while Silane penetrates deeply to protect steel wire and rebar.

USES

Stealth Guard provides water repellency to porous construction materials such as concrete, bricks, stone, masonry blocks, mortar and grout.

FEATURES

- Solvent-Based
- Natural Look
- Freeze/thaw Protection
- Salt Protection
- Water Repellent
- Low VOC
- 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.

COVERAGE

Coverage rate is approximately 200 ft² per gallon depending on the porosity of the substrate.

TECHNICAL

Meets NCHRP 244
QPL23.002 TDOT
10% Actives

PLACING

Stealth Guard can be applied with a solvent-resistant sprayer, roller, or brush at temps between 50 & 90 F. Cross-rolling should be performed to ensure even application. After 3-5 minutes, move material that isn't absorbed to more porous areas and apply additional material to areas that are light in color. Do not apply this material over waterborne resin coatings. Do not thin.

DRY TIME

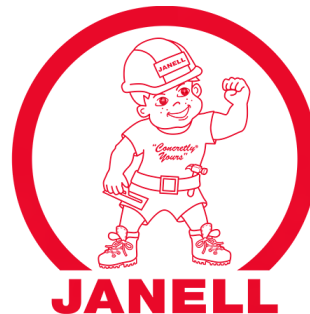
Suitable for foot traffic in 4 hours and vehicle traffic in 48 hours. Additional coats should be applied immediately after previous coat is dry to the eye.

STORAGE

Recommended shelf life is one year.

CLEANUP

Clean up immediately with aromatic solvent such as xylene.



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Penetrating Water Repellent

Stealth Guard Solvent Based Breathable Penetrating Sealer

PHYSICAL PROPERTIES

Appearance	Clear Liquid
pH	None
Specific Gravity	.88 g/cc
Lbs/Gal	7.35
Min. Temp	50 degrees
Water Resistance	Excellent
Viscosity	<1.2 centistokes
VOC	<250 g/L
Flash Point	40° F
DOT	UN1263, Paint, 3, PG II

CURE TIME

Dry to Touch	1 Hour
Foot Traffic	4 Hours
Wheel Traffic	48 Hours

CONTAINER SIZES

5 gallon (18.93 Liters)

HMIS

Health	2	Flammability	3
Reactivity	0	Protection	B

LIMITATIONS

Always test a small area for compatibility before proceeding. Do not thin. It is not suitable for very low-porosity substrates such as polished stone. Not recommended for interior applications.

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

Danger: Highly flammable liquid and vapor. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. Toxic to aquatic life.

Precaution: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Do not breathe mist/vapors/spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. **KEEP OUT OF REACH OF CHILDREN.**

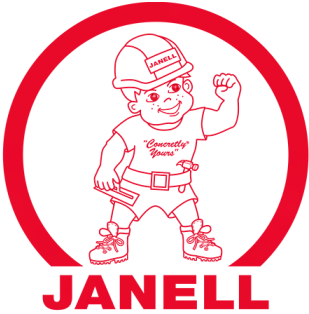
FIRST AID

IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician. **IF ON SKIN (or hair):** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. **IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Call poison center or doctor/physician **IF IN EYE:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire use dry sand, dry chemical, or alcohol-resistant foam for extinguishing.

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