SURFKOAT
Surface Koatings, Inc.
Manufacturers of Industrial and Decorative Concrete Materials

HOLD OUT™

water based penetrating sealer & water repellent

WATER REPELLENTS

Hold Out is a reactive, penetrating catalyzed potassium siliconate solution water repellent that fuses within porous substrates of concrete, brick, stone, and mortar. It combats freeze/thaw damage, scaling & spalling, and limits the penetration of salt and stains like oil, gas and grease. Hold Out is breathable with minimal impact to traction coefficient. Hold Out creates a very durable deep penetrating cross linked insoluble methyl-silicone internal membrane. Can be applied same day as pour, after all bleed water is gone, finishing is done and can be walked on without marking.

Key Features & Typical Benefits

- **Can be appplied same day.** Reduces water absorbtion into the substrate, thus reducing spalling due to freeze-thaw and efflorescence, thereby increasing the life of the substrate.
- Minimizes damage due to water and salt water from de-icing road salts and salt water pool systems.
- Excellent penetration and adhesion to clean, unsealed new concrete.
- Will not change the color of the concrete.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

Recommended Applications

For unsealed new or existing broom finish concrete surfaces such as...

- Concrete Pool Decks
- Concrete Parking Lots
- Side Walks
- Patios and Porches
- Most other new concrete surfaces where water and salt damaged resistance is required.

ZERO VOC PRODUCT

Specifications / Compliances

• Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	Proprietary
Dry Time - Tack Free	1 - 2 hours
Dry Time - Foot Traffic	4 - 6 hours
Dry Time - Heavy Traffic	24 - 48 hours
Re-Coat Time Window	Refer to Instructions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Clear/Slight Haze
Appearance - Dry	Clear and No Gloss

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

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Hold Out

Application Instructions

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If excessive moisture is present or if the surface is not clean and free of all contaminants, premature delamination and failure may occur. May be applied when damp (not "wet") to freshly placed concrete surfaces. Horizontal surfaces must be finished and show no "sheen" from bleed water.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may experience issues. Note that in direct sunlight, substrate temperature can exceed 150° F.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: *First Coat* : 200 - 300 ft² per gallon*
*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. **Excessive build up should be avoided.** Over application on colored surfaces may result in an undesired white residue.

APPLICATION: Apply using an 3/8" to a 1/2" long nap roller cover using long even uniform strokes at approximately 200-300 square feet per gallon, depending job requirements, porosity and texture of substrate. An airless or low pressure sprayer may be used as well. Upon initial application, Hold Out will create a slightly white surface that will absorb quickly into the concrete, typically within a minute or two. Thick or puddled areas should be spread to areas where absorption can continue. Failure to quickly remove puddle areas may result in the presence of dry residual sealer that is not beneficial and may yield an undesirable aesthetic look, it may leave a white haze on the surface. If using a sprayer, apply two coats wet on wet. This will ensure maximum protection from water, salts and other contaminants. Do not thin.

RE-SEAL: When darkening of the surface begins to occur due to water absorption, re-apply Hold Out as needed for continued protection.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited.

Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- This product should not change the slip coefficient of the concrete surface.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin this product. Improper thinning may cause sealer to not perform adequately.
- This product may slightly change the surface of a new and existing concrete slabs. Test prior to use.
- Optimum water repellency is achieved after 48 hours.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product is corrosive. Proper protection should be worn during application.
- Do not over apply or puddle, may cause white haze on the surface.

CLEAN-UP: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Coating deeply penetrates surface. Removal is not recommended.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.

PERFORMANCE OF HOLD-OUT ON VARIED SUBSTRATES

FEDERAL SPECIFICATION SS-W-110C TESTING

CONCRETE	HOLD-OUT	1.1
	CONTROL	8.6
LIMESTONE	HOLD-OUT	1.4
	CONTROL	6.0
BELCREST 760	HOLD-OUT	0.7
	CONTROL	6.0
BELDON 691/693	HOLD-OUT	0.2
	CONTROL	4.5
CHAMFERED COCOA PAVER	HOLD-OUT	0.2
	CONTROL	1.9
ILLINOIS COMMON BRICK	HOLD-OUT	0.7
	CONTROL	17.2