

## Technical Data Sheet

### SealGreen- Concrete Cure and Seal Concentrate Product Data and Test Information

#### PRODUCT NAME

SealGreen – Concrete Cure and Seal Concentrate Water based water repellent for most concrete and natural stones in concentrate form.

#### DISTRIBUTION

ReUse Concrete Sealing Specialists, LLC.  
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#### MATERIAL DESCRIPTION

Appearance:	Potassium Silicate Solution
Solids:	42%
Specific Gravity:	1.29
Solubility:	100% in water
VOC:	<50 g/L

#### PRODUCT DESCRIPTION

SealGreen – Concrete Cure and Seal Concentrate is used as a surface treatment in new concrete installations that require the ability to impart a hydrophobic or water-repellent surface and reduce water evaporation and absorption. SealGreen – Concrete Cure and Seal Sealer Concentrate may be applied to concrete, brick, sandstone, limestone, and ceramics. SealGreen – Concrete Sealer Concentrate is solvent free and VOC compliant.

#### TECHNICAL DATA

Color	clear
Odor	low
Active substance	silicate
Carrier	water
pH	12

#### BENEFITS

- ❖ Reduces water evaporation from the substrate
- ❖ Can be applied immediately upon finishing concrete sections while it is still green and wet
- ❖ Allows for SealGreen Concrete Sealer Concentrate with Salt Defense Technology (Kennel, Polished, and Smooth Concrete sealer versions) to be applied 5 days after initial concrete installation.
- ❖ Reduces water absorption into the substrate
- ❖ Reduces spalling due to freeze-thaw and efflorescence
- ❖ Increases useful life of the substrate
- ❖ Colorless and non-yellowing
- ❖ Preserves natural appearance of the substrate

- ❖ Penetrating and breathable cure sealer
- ❖ Suitable for indoor and outdoor use
- ❖ Effective on horizontal and vertical surfaces
- ❖ Low VOC, Nonflammable

### COVERAGE

Follow recommended coverage rate. Guidelines are applicable once the concentrate is mixed with water at recommended proportions

**Concrete** - 125-175 sq ft/gal

**Marble, Travertine, Limestone and most Natural Stones** - 100-175 sq ft/gal

**Granite** - 150-200 sq ft/gal

**Sandstone** - 125-175 sq ft/gal

**Fired Clay** - 125-175 sq ft/gal

### LIMITATIONS

Application temperature range 35° - 120°F (2° - 49°C). Protect from freezing.

May damage glass, aluminum, ceramics & glazed tile. Always protect.

Not recommended for glazed or polished surfaces.

### APPLICATION INFORMATION

- =>5% solids in final product, balance with water.
- Always test each type of surface prior to application to ensure desired results.
- Surface must be clean with no coatings of any kind, dry and sound prior to application.
- Do not apply in temperatures <35° F.

SEALGREEN CONCENTRATE MIXING CHART		
Concentrate Container Type	Mix with Drinking Water	Coverage in Average Sqft.
1-Pint Concentrate	2 Gallons	350—400
1-Quart Concentrate	4-1/2 Gallons	850-1,000
1-Gallon Concentrate	19 Gallons	4,200 +

Note: The average square feet coverage will vary depending on the type of concrete, an amount applied.

### PERFORMANCE CHARACTERISTICS

SealGreen – Concrete Sealer meets or exceeds the following ASTM Tests.

<b>ASTMD 2939:</b> Resistance to water solubility	<b>ASTMC-156:</b> Water retention
<b>ASTMD 466:</b> Resistance to water flow and action. No re-emulsification.	<b>ASTM C309-98a:</b> Moisture loss
<b>ASTME 96:</b> Water vapor transmission	<b>ASTM C115-00:</b> Moisture loss
<b>ASTMC 836:</b> Film thickness on a vertical scale	<b>ASTM Sealing Resistance:</b> No Scaling
<b>ASTMC672:</b> Freeze/thaw cycle – 100-day cycle	<b>SS-W-110C:</b> Water repellence on masonry

### PACKAGING

SealGreen – Concrete Cure and Sale Sealer Concentrate is available in pints, quarts, and 1-gallon bottles, and 55-gallon drums.

### CLEANUP

Clean equipment and overspray with soap and warm water.

**Precautions:** Please refer to the Material Safety Data Sheet for more information.

## **TECHNICAL SERVICE**

Technical personnel are available to answer questions on product performance, application methods and chemical composition

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