



Cure & Seal

## Technical Data Sheet

### SealGreen- Concrete Sealer Concentrate Product Data and Test Information

#### PRODUCT NAME

SealGreen – Concrete Sealer 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 Sealer Concentrate is used as a surface treatment in applications that utilize its ability to impart a hydrophobic or water repellent surface and reduce water absorption. SealGreen – Concrete 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 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
- ❖ 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 Sqft. |
| 2.6 Lb. Cube                       | 2.1/4 Gallons           | 350-500           |
| 5 Gallon Pail                      | 50 Gallons              | 10,600- 11,000    |

## 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 Sealer Concentrate is available in 2.6 Lb. cubes, 5-gallon pails 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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