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[www.sealgreen.com](http://www.sealgreen.com)

## Technical Data Sheet

### SealGreen- SG20 Tintable Sealer Concentrate Product Data and Test Information

#### PRODUCT NAME

SealGreen – SG20 Tintable Sealer Concentrate Water based water repellent for broom finish concrete 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 – SG20 Tintable Concentrate is designed to be mix with color stains and to provide a colored matte surface finish. When it is mixed with color stains it works as a surface treatment in applications that utilize its ability to impart a hydrophobic or water-repellent surface and reduce water absorption. SealGreen – SG20 Tintable Sealer Concentrate may be applied to concrete, cinder blocks, pre-cast concrete stones, and brick. SealGreen – SG20 Tintable 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

## 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.
1 Pint	1 Gallon	125 - 175
1 Quart	2.1/4 Gallons	350—500
1 Gallon	9 Gallons	2,000 – 2,500
5 Gallon Pail	50 Gallons	10,600- 11,000

## PERFORMANCE CHARACTERISTICS

SealGreen – S20 Matte 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 – SG20 Tintable Sealer Concentrate is available in 1-Pint, 1-Quart, 1-Gallon 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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