



16072 Foster St. Overland Park, KS. 66085

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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.

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