

BG Coatings **Datasheet**



LIMESTONE & SANDSTONE SEALER

PRODUCT CODE: S - SERIES

TECHNICAL DATA SHEET NO: SLS-1

DATE: APRIL 2023

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION A Limestone & Sandstone Sealer based on unique Siliconate technology.

INTENDED USES BG Limestone & Sandstone Sealer is a deep penetrating hydrophobic binder suitable for protection of porous surfaces.

FEATURES & BENEFITS

- Natural finish.
- Allows natural stone to breathe.
- Binds loose and friable surfaces.
- Excellent Stain and Water resistance.
- Reduces efflorescence, erosion, cracking, spalling and freeze/thaw damage.
- Reduces biological growth and dirt retention.
- Low VOC and non-flammable.

PRODUCT INFORMATION

Colour	Clear.
	<u>Gloss:</u> Matt.
Generic type	Potassium methyl siliconate.
Solid content	~ 5%
SG	~ 1.030 Kg/l

APPLICATION DETAILS

Mixing	Ready for use. Stir thoroughly prior to use.
Method	Apply by low pressure-spray, 230 mm medium pile lamb wool roller or 75mm/ 100mm brush application.
Application	1 coat is recommended. A 2 nd can however be applied, subject to surface porosity.
Substrate	Suitably prepared surfaces.
Cleaning	Clean up with clean fresh water. - Avoid overspray on windows and other glass surfaces to prevent etching damage. - Flush contaminated surfaces immediately with clean water.

APPLICATION ENVIRONMENT	Surface Temperature	Ambient Temperature	Relative Humidity
	Min: 10 °C	Min: 10 °C	Min: 10%
	Max: 40 °C	Max: 40 °C	Max: 85%
Or minimum 3 °C above dew point.			
• DO NOT apply if rain is likely within 12 hours of application.			

DRYING TIME

Re-Coat	2 hours at 25 °C.
Full Cure	7 days at 25 °C.

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SURFACE PREPERATION

Surfaces must be clean and sound, remove dust, dirt, oils, grease, curing compounds, previous coatings, efflorescence, moss, mould or lichen prior to application.

For surfaces affected by moss, mould and lichen treat, with appropriate eliminator.

Surfaces must be clean and dry prior to application.

SPREADING RATE	2 – 3 m ² per litre. - Relative to surface porosity and surface profile. <u>Note:</u> The coverage serves as a guide only. A sample test area is recommended to determine specific coverage rates.
CLEAN UP	Clean all tools and application equipment with water immediately after use.
SAFETY	Provide adequate ventilation and wear protective clothing. Consult the Safety Data Sheet.
STORAGE AND PACKING	Shelf Life: 6 months at 25°C - from date of manufacture. Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition. Store at temperature between 5 and 25°C Containers must be sealed airtight as Limestone & Sandstone Sealer reacts with atmospheric humidity.
PACK SIZE	<u>Single pack:</u> Available in 10 lt. and 20 lt. packs.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

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