

GeoGreen[®] Mortar Seal[™] SILICONIZED ACRYLIC SEALANT

1. PRODUCT NAME:

Mortar Seal[™] Siliconized Acrylic Sealant

2. MANUFACTURER:

GEOCEL, LLC
P.O. Box 398
Elkhart, IN 46515 USA
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www.GeocelUSA.com

3. PRODUCT DESCRIPTION:

Mortar Seal[™] Siliconized Acrylic Sealant is a single component, non-sag sealant, designed for use in moving and non-moving joints.

Product Benefits:

- Tools easily
- Bonds to common building materials
- Tack free in 20 minutes to 1 hour
- Will withstand $\pm 12\ 1/2\%$ joint movement
- Bonds to damp surfaces; excellent rain resistance after cure
- Texturized to look like mortar

Basic Uses:

- Most joints, interior and exterior
- Can be used without primer on common building materials
- Where paintability is required
- Non-structural mortar repair

Adheres To:

Glass, mortar, aluminum, brick, wood, and other common building substrates

Composition Materials:

Mortar Seal Sealant is based on a high performance, 100% acrylic polymer developed to significantly

improve water resistance. Mortar Seal Sealant is further modified with special additives to optimize resistance to oxidation, UV degradation, and cold temperatures. Upon evaporation of water, a tough, durable acrylic sealant is formed.

Grade: Gun grade consistency

Primers: Not required on most surfaces. If primerless adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel's Technical Service Department for further information.

Packaging: 10.3 fl. oz. cartridge

Colors: Gray

Limitations:

- Do not use in underwater applications
- Do not use on traffic-bearing joints

4. INSTALLATION:

Joint Design: Minimum recommended joint size is 1/4" x 1/4". Maximum joint size should be 3/4" x 1/2".

Surface Preparation: Surface should be clean and dry. Remove loose dust or dirt with a dry brush or rag. Do not use solvents to clean joints unless surface can dry thoroughly before application of sealant. Contamination from curing agents and form releases should be avoided. Contact Geocel's Technical Service Department or representative if such agents are involved.

Joint Backing: Joint depth should not exceed 1/2". A foam backer rod is suggested to control



depth. Do not use bitumen impregnated backing material. In shallow joints, a bond breaker tape should be installed to prevent three-point contact.

Elongation: 116%

Tack Free: <20 minutes

Full Cure: 2 days

Service Temperature: -40° F to 200° F (-40° C to 93° C)

Application Temperature: 40° F to 140° F (4° C to 60° C)

Application and Tooling: Apply with conventional caulking equipment, filling joints completely. For tooling ease, keep tools moist with soapy water.

Painting: Paint with latex or oil-based paint at least one hour after sealant is tack free.

Cleaning: Remove Mortar Seal Sealant from equipment before it dries. Wash with soap and water.

Storage Life: One year

Warning: Harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well-ventilated area. Avoid prolonged skin contact. **KEEP OUT OF REACH OF CHILDREN.**

Weather Precautions: As with all water-based products, Mortar Seal Sealant should not be exposed to freezing temperatures or rain before curing. Sealants take longer to cure at low temperatures and/or when the humidity is very high. To ensure best results, do not apply at temperatures below 40° F (4° C). Apply sealant at least a week before a hard frost is anticipated. At temperatures over 70° F (21° C), this product should withstand normal rainfall after eight hours.

5. AVAILABILITY AND COST:

Marketed throughout the U.S., Canada, and in select foreign markets, it is available from various construction distributors. Cost and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

6. LIMITED WARRANTY:

Geocel, LLC warrants that the product is manufactured according to their published standards. The company guarantees for 5 years from the date of manufacture that Mortar Seal Sealant will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel, LLC will, at its option, either refund the purchase price of, or provide replacement for, that portion of the Mortar Seal Sealant which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel, LLC will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from this product, or the use or failure thereof, whether based on breach of warranty or negligence.

7. MAINTENANCE:

No maintenance should be required. If the sealant is damaged, remove bead and reseal with Mortar Seal Sealant.

8. TECHNICAL SERVICES:

Geocel representatives throughout the U. S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

THEORETICAL YIELD PER 10.3 FL. OZ. CARTRIDGE

Joint Size	Linear Feet
1/4" x 1/4"	24.8
1/4" x 3/8"	16.5
1/4" x 1/2"	12.4
1/2" x 3/8"	8.7
1/2" x 1/2"	6.2
3/4" x 1/2"	4.1

For additional product information, refer to the product spec sheet located at www.GeocelUSA.com