Geocel Setting the Standard®

TECHNICAL DATA

Mortar Seal™

SILICONIZED ACRYLIC SEALANT

1. PRODUCT NAME:
Mortar Seal™ Siliconized Acrylic Sealant

2. MANUFACTURER:
Geocel Products Group
A Business Unit of
The Sherwin-Williams Company
("Geocel Products Group")
Cleveland, OH 44115
Phone: (800) 348-7615
Fax: (800) 348-7009
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 ±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 Products Group'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 Products Group'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 to 1 hour

Full Cure: 6 days

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

Application Temperatue: 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

Cautions: CONTAINS CRYSTALLINE SILICA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

First Aid: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure.

Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE 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:

Available from various construction distributors. Cost and further technical data are available from your local Geocel representative or from our office.

6. LIMITED WARRANTY:

If when applied according to label directions this product fails to perform in accordance with its published literature, upon satisfactory evidence of product failure, and as your sole remedy, we will either replace the product at no cost or refund the original purchase price for that portion of product that fails to perform in accordance with this limited warranty. Labor or costs associated with labor are not included. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER AND SUCH DAMAGES ARE EXPRESSLY EXCLUDED. Some states do not allow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

7. MAINTENANCE:

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

8. TECHNICAL SERVICES:

Geocel Products Group representatives throughout the U. S. are available to provide technical assistance. Geocel Products Group'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

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