

# DATA SHEET

## STUD SEAL SG

### Flowable Elastomeric Sealant



#### DESCRIPTION

- A high quality, plasticizer-free, water-based, 100% acrylic latex sealant for brush, manual, electric, and hydraulic pump, or spray application.
- Unique formulations allow the product to flow but still maintain a high film build without sag.
- Designed to provide a long-lasting flexible seal that will retain this flexibility even in the harshest climatic conditions.
- Has excellent adhesion to most materials including wood, masonry, PVC, polyurethane foam, concrete, and metal.
- Permeability allows trapped moisture to escape while maintaining an airtight seal.
- Low odor and zero VOC

#### RECOMMENDED USES

Stud Seal SG is intended for air sealing a building envelope by providing a gasket between the studs and drywall. By applying Stud Seal SG at the top plate of walls below the attic, you will reduce the air leakage in the home. Homes with a high level of air tightness will have improved energy efficiency, better indoor air quality, and an increased comfort level for the occupants. Better air sealing techniques may also help your home meet requirements for rebate programs like Energy Star under The Inflation Reduction Act of 2022.

#### COLOR

Patina Green

#### SURFACE PREPARATION

**General:** Surfaces to be coated should be dry, free of dust, dirt, oil, loose granules, gravel, peeling coating, and other foreign matter.

#### APPLICATION

This product may be brushed pumped, or sprayed on a clean, dry surface. The product must be applied between temperatures between 40° F and 100° F. Product should be allowed to cure for 24 hrs. prior to the installation of drywall that will have direct contact with the sealant.

#### APPLICATION PROPERTIES

Dry Time (75° F 50% humidity)	4 hours
Complete Cure	7 days
Net weight per pail	36.5 lbs/pail

#### ESTIMATED COVERAGE RATE

Approximately 2,000 linear feet at 1/4" cylindrical bead.

#### PACKAGING/SHIPPING INFORMATION

<u>CONTAINER SIZE</u>	<u>SHIPPING CLASS</u>
5 Gallon pail (18.9 liters)	Class 55

Property	Test Method	Result
Elongation	ASTM D-370	473% ± 25
Tensile Strength	ASTM D-2370	329 psi ± 25
Perms	ASTM D-1653	7
Solids Volume	ASTM D-1644	70% ± 2
Solids Weight	ASTM D-370	65% ± 2
VOC	ASTM D-624	0 g Liter
Density	EPA Method 24	7.3 lbs/gal
Temperature Limit		0° F to 185° F
Low Temp Flexibility	ASTM D-522	Passes 180° Flex over 1/2 Mandrel @ 15° F

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#### LIMITATIONS

The surface must be clean and dry. Do not apply over wet substrates. Complete cure of Stud Seal SG requires complete evaporation of water. Cool temperatures and high humidity retard cure. It is not intended for use as a thermal barrier.

#### ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 40°F or if there is any possibility it could fall below 32°F within 24 hours of application.

#### SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at [buildingscience.com](http://buildingscience.com), [xpressseal.com](http://xpressseal.com), or by contacting Xpress Seal directly.

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