

DATA SHEET

STUD SEAL 25 yr

Light Weight Siliconized Acrylic Sealant



DESCRIPTION

- A high quality, plasticizer-free, siliconized, water-based, 100% acrylic flashing grade elastomeric coating for brush or roller application.
- Lightweight formula: 20 ounces weighs less than a standard 10.5 oz tube.
- Unique formulations allow the product to flow but still maintain a high film build.
- Super Lightweight formula means less fatigue on installer.
- Designed for effortless fill of bulk loading sealant guns,
- Eliminates Tube waste, empty tube collection, reducing disposal cost and environmental impact.
- Zero VOC and low odor.
- Paintable.
- Easy clean up with water.
- Designed to provide a long-lasting waterproof flexible barrier that will handle more than 15% movement, and will retain this flexibility even in the harshest climatic conditions.
- Has excellent adhesion to most materials including masonry, PVC, polyurethane foam, concrete, metal, and primed wood.

RECOMMENDED USES

Stud Seal 25yr is intended for sealing of low movement joints between various construction materials (wood, concrete, brick etc.) Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings

SURFACE PREPARATION

General: Surfaces to be sealed should be dry, free of dust, dirt, oil, peeling coating, and other foreign matter.

No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a prime coat of Everprime CS or a primer of diluted Stud Seal 25yr should be used (Dilute Stud Seal 25yr 1 part to 4 parts water)

PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE

5 Gallon pail (18.9 liters)

2 Gallon pail (7.6 liters)

SHIPPING CLASS

Class 55

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Metals and glass should be degreased with a solvent prior to application.

Wood should be lightly sanded prior to application.

COLOR

White

Property	Test Method	Result
Elongation	ASTM D-370	>300
Perms	ASTM D-1653	>10
Solids Volume	ASTM D-1644	75% ± 2
VOC	ASTM D-624	Zero VOC
Density	EPA Method 24	6.9 lbs/gal
Temperature Limit		0° F to 185° F

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APPLICATION

Min/max joint width must be 1/8 to 1 inch
The recommended joint depth/width ratio is 1 to 2

APPLICATION PROPERTIES

Yield per 10 oz	Joint Widths			
Joint Depth	1/8"	1/4"	3/8"	1/2"
1/8"	96'	48'	36'	24'
1/4"	48'	24'	18'	12'
3/8"	32'	16'	12'	8'
1/2"	24'	12'	9'	6'

Yield (1/4" bead)	300 ft/gal
Touch dry (75° F, 50% humidity)	1 hour
Through dry (75° F, 50% humidity)	1/8"/day

ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 42°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before the product dries.

LIMITATIONS

The surface must be clean and dry. Application is not recommended where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of Stud Seal 25yr requires complete evaporation of water. Cool temperatures and high humidity retard cure.

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, xpressseal.com, or by contacting Xpress Seal directly.

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