

SU3000 Siliconized Acrylic Latex Caulk



Technical Information

SU 3000 SILICONIZED ACRYLIC LATEX

is a premium quality siliconized latex caulk with outstanding properties like adhesion, weather resistance, low shrinkage, long tooling time and more. The acrylic base offers outstanding adhesion and resistance to oxidation and Ultra-Violet rays. The siliconized feature improves the adhesion to ceramic and glass substrates. It provides a waterproof and weatherproof seal without the use of a primer. It can be painted with latex or oil-based paints. Colors: Clear, white, gray, bronze.

SPECIFICATIONS:

Siliconized Acrylic Latex conforms to the performance characteristics of ASTM C-834-91 specifications

USES:

Its primerless adhesion characteristics offer excellent adhesion to aluminum, wood, concrete, glass, ceramic tiles, etc. It can be used for interior or exterior application since it is odor-free and offers superior weatherability. It can be used in areas with high moisture since it is mildew resistant and waterproof.

FEATURES:

- Paintable and Easy Clean-Up with soap & water
- Exterior or Interior Use
- Mildew Resistant
- Non-Standing, Non-Yellowing
- Reduces Sound transmission between partitions.

DIRECTIONS:

1. Surface must be clean dry and free of dust, oil, & other foreign substances.
2. Cut nozzle on cartridge and attach the loose spout which can be cut to desired bead size of 1/4" to 3/8".

DIRECTIONS CONTINUED:

3. Apply with a caulking gun at temperatures above 40 F. For best results remove all old caulking before applying siliconized Acrylic Latex.
4. Tool within 30 minutes with wet fingers or damp smooth sponge.
5. It can be painted over after 2 hours with oil or latex based paints.
6. Excess caulk and tools can be cleaned easily with soap and water.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Solids by Wt.	85%
Spec. Gravity	1.55 G/cc.
Slump at room temp	Nil
Shore Hardness A:	25
Tack-Free 77F, 50% RH	60 minutes
Appl. Temp.	40 F to 100 F
Serv. Temp.	-5 F to 170 F
Tooling Time:	30 minutes
Elongation	
@ break:	350%
Modulus	
@ 100%Extension:	95 psi
Joint Movement:	+/- 10 %
Shelf Life:	12 months @ 75 F
Coverage:	Appx. 34 lin. ft. 1/4" bead/cartridge
Freeze Thaw	
Stability:	Protect from freeze
Clean-up:	Soap & water

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LIMITATIONS:

SU3000 Should not be used in the following applications:

1. Do not use for joints which will be immersed in water.
2. Do not use for joints which will be subject to high abrasion.
3. Apply at temperatures above 40 F
4. Protect from freezing until fully cured.
5. Do not expose to water or rain for at least 24 hours.

STORAGE:

Store in cool, dry place at room temperature. When stored at or below 90 F (32C) and protected from freezing in the original, unopened containers, SU3000 has a shelf life of 12 months from the date of manufacture.

PACKAGING:

SU3000 is available in 10.3 fluid ounce cartridges, 4.5 gallon pails, and 52 gallon drums. Colors available in white, black, bronze, gray and almond. Custom colors upon request.

CAUTION:

Do not take internally. If swallowed, consult a physician. KEEP OUT OF REACH OF CHILDREN.

WARRANTY:

Silicones Unlimited sells a full line of silicone sealants and adhesive products. These products offer a variety of physical characteristics and adhesion properties. SU3000 is part of that line and when used with compatible substrates and supplied within stated shelf life, and in accordance with manufacturers recommendations for application and joint design, Silicones Unlimited warrants that it will perform as a watertight weatherseal for a period of 20 years from the date of purchase. In addition to maintaining the integrity of the weatherseal, the sealant will not change color when used with back-up materials and substrates that have been approved for compatibility by Silicones Unlimited, either after specific testing or noted in current Silicones Unlimited publication.

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WARRANTY LIMITATIONS

This warranty specifically excludes failure of the sealant due to:

- Natural causes such as lightning, earthquake, hurricane, tornado, fire, etc.
- Movement of the structure resulting in stresses on the sealant that exceed Silicones Unlimited's published specifications for elongation and/or compression for the sealant, whether due to structural settlement, design error or construction error.
- Disintegration of the underlying substrates
- Mechanical damage to the sealant caused by individuals, tools, or other outside agents.
- Changes in the appearance of the sealant from accumulation of dirt or other contaminants deposited on the sealant from the atmosphere.

REMEDIES

In the event of a claim under this warranty, you must notify Silicones Unlimited in writing within 30 days of the occurrence of failure, Silicones Unlimited's sole liability shall be to furnish sufficient SU 3000 replacement material to restore the integrity of the weatherseal. Any labor or other costs associated with the repairs are the responsibility of the owner.

Silicones Unlimited shall not be liable for and expressly disclaims any liability for damage to the contents of the structure for any consequential or incidental damage, whether in contract or in tort, including negligence.

This warranty is in lieu of all other written or oral, expressed or implied warranties and Silicones Unlimited specifically disclaims any implied warranty of merchantability of fitness for purpose.

Date: November 1998