



GE Advanced Materials Sealants & Adhesives

Product Name:

LIGHTHOUSE WHITE MAGIC SILICONIZED ACRYLIC SEALANT

PRODUCT DESCRIPTION:

LIGHTHOUSE WHITE MAGIC Siliconized Acrylic Sealant is a very durable, all-purpose acrylic latex adhesive sealant, with superlative adhesion to most construction surfaces and superior flexibility. It is available in white, black, almond, redwood, brown, bronze, cedar tan, pecan, and gray.

PROMINENT FEATURES:

- This product is vacuumized to remove all microscopic air and to ensure the maximum in durability and gunnability.
- Strong adhesive characteristics
- 45 year life expectancy
- Paintable
- Soap and water clean-up
- Meets ASTM C-834, Type P, Grade -18°C
- Enhanced toolability for all climates

Uses: LIGHTHOUSE WHITE MAGIC Siliconized Acrylic Sealant provides water and weather protection by forming an airtight seal when used on interior and exterior surfaces such as wood, metal, concrete, brick, plaster, masonry, drywall, glass and ceramic tile. It is ideal for sealing seams, cracks and joints around doors, windows, woodwork, siding, flashing, air conditioners and kitchen and bathroom counters. It may be used on interior or exterior applications.

Limitations

- ?? Do not use for structural repairs.
- ?? Do not use below grade or under water.
- ?? Not recommended for food surfaces.
- ?? Application should be made when temperature of air and surface is 50°F. (10°C.) or above for a 24 hour period.
- ?? If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist.
- ?? Allow new concrete to cure for 30 days before applying. After 30 days, test for alkali presence.
- ?? Do not apply if pH is above 10.
- ?? Do not apply if relative humidity is above 90%.
- ?? Do not freeze.

Surface Preparation

All surfaces must be firm and free of dirt, oil, grease, efflorescence, mildew and loose material.

Unsound masonry must be wire brushed or blasted for a firm surface. Dirt, loose contaminants and chalk are best removed by high pressure chemical and water blasting. Any chalk or porous coating not removed by pressure washing must first be sealed with an alkali resistant surface conditioner, such as VIP1200 Surface Conditioner. Prior to applying VIP1200, allow stucco and concrete block mortar to cure 3 days. Poured in-place precast concrete should be allowed to cure 7 days. To remove mildew, scrub with a solution of 3 heaping teaspoonful of Trisodium Phosphate (TSP), 1 quart of Hypochlorite Household bleach and 3 quarts of warm water (wear protective goggles and impervious gloves. Follow manufacturer's directions when working with cleaning solutions). Rinse thoroughly and allow to dry.

Non-structural shrinkage cracks (larger than 1/16") and non-structural movement cracks larger than 1/16" up to 1/4") must be treated and repaired accordingly.

Method of Application

1. Cut nozzle at a 45° angle to desired thickness to bead. Apply with a standard caulking gun.
Use a steady pressure to completely fill joints.
2. For a neat appearance, smooth bead with a brush or cloth.

3. For best results, cured beads should be between 1/8"-1/2" wide and 1/8-1/4" deep.
Important: Use Backer Rod for cracks and seams deeper than 1/4".
 4. Remove excess material before cure with a moistened cloth. Clean up tools with water.
 5. May be painted over with latex or oil based paints when dry (generally within 4 to 6 hours, depending on climatic conditions).
 6. Do not apply when rain is expected. Not intended for underwater use.
- Coverage:** A 1/8"x1/4" bead will yield approximately 51 linear feet of sealant per cartridge.

TECHNICAL INFORMATION

Property	Value	Test
Weight Per US gallon	13.42 ±0.2 lbs	Lab Value
% Solids By Weight	82.00 ± 2%	Lab Value
% Solids By Volume	70.45 ± 1%	Lab Value
Viscosity in secs at 77°F.	10 ± 2	Semco: 1/8"Orifice
Rheological Characteristics	Thixotropic	Observation
Consistency	Heavy Bodied	Observation
Odor	Slight Ammoniacal	Subjective
Vehicle Type	Acrylic Terpolymer	-
pH (when packaged)	7.9 ±.2	Lab Value
Appearance	Smooth	Observation
Volatile (Exempt)	Water	Known
Volatile (Non-Exempt)	Petroleum Distillate	Known
Flash Point	Non-Flammable	Non- Applicable
VOC Content:	1.5%	Calculated
VOC (less water and exempt compounds):	53.4 g/L	Calculated
Prime Pigment	Rutile Titanium Dioxide	Known
Freeze/Thaw Stability	5 Cycles	Lab Value
Shelf Life	1 year minimum	Lab Value
Service Temperature Range (Once Installed)	-10°F(-23°C) to 180°F(82°C)	
Cured Bead Size	3/16" x 3/16"	Range
Yield Per Cartridge	51 linear feet	1/8" X 1/4"
Drying Time @ 75°F and 50% RH	24 hours	To Cure
% Elongation (To Break)	325%	ASTM D-412-75
Slump	None	ASTM D-2202
Crack Resistance	Pass (Unpainted)	Wood Channel 1/2"x1/2"
Flexibility / 90° @ -18°C (1/8" slab)	Pass (After 7 day cure at 122°F)	1" Mandrel on Aluminum
Specification Information:	Exceeds ASTM C-834, Type OP, Grade -18°C.. ASTM C-834	

Typical product data values should not be used as specifications. Assistance is available by contacting GE Sealants & Adhesives at 1-800-228-5537.

Available in:	L100-1	White	L100-2	Black
	L100-7	Almond	L100-11	Redwood
	L100-13	Brown	L100-22	Bronze
	L100-23	Cedar	L100-52	Pecan
	L100-53	Gray		

Packaging: 10.1 fluid oz. plastic cartridge. Packed 12 per carton.

When using, do not keep in direct sunlight for prolonged periods. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

Clean Up: Clean all equipment immediately after use with warm, soapy water.

LIGHTHOUSE WHITE MAGIC Siliconized Acrylic Sealant is available in the United States, through distributors. Contact your local distributor or the nearest GE Technical Service Center for cost and availability information.

Handling and Safety

Material Safety Data Sheets (MSDS) are available upon request from GE Sealants and Adhesives (GESA). Similar information for solvents and other chemicals used with GESA products should be obtained from your suppliers. When solvents are used, proper safety precautions must be observed.

Warranty

GE Sealants & Adhesives warrants the performance of this product, provided it is properly stored and applied before "use before" date shown. If not satisfied, return product and/or proof of purchase to address below and GE Sealants & Adhesives will, at its option, replace or refund the purchase price of this product. GE shall in no event be liable for any other damages in excess of the amount of the purchase price. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN, OR FAILURE OF, THIS PRODUCT, AND THE SOLE AND EXCLUSIVE LIABILITY OF GENERAL ELECTRIC COMPANY THEREFOR. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Prior to considering use of a GE Sealants & Adhesives product in fulfilling any government requirement, please contact the Government and Trade Compliance Office at 413-448-4624.

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