

POLYSEAMSEAL® ACRYLIC CAULK WITH SILICONE



DESCRIPTION

LOCTITE® POLYSEAMSEAL® Acrylic Caulk with Silicone is a high-quality non-curing acrylic caulk with added silicone to give extra durability and adhesion. Its fast set formulation is paintable within 30 minutes and provides a flexible seal that locks out air, moisture, dirt, dust, and insects.

Available as:

Item #	Package	Size	Color
1507595	Squeeze Tube	5.5 oz	White
1507600	Plastic Cartridge	10 oz	White
1507593	Plastic Cartridge	10 oz	Clear
1507598	Plastic Cartridge	10 oz	Almond
1507599	Plastic Cartridge	10 oz	Bronze

FEATURES & BENEFITS

- Paintable in 30 minutes with a latex paint ensures quick completion of project
- Low VOC content
- Easy to use and tool water-based caulk
- Easy clean up with soap and water
- Low odor makes ideal for indoor projects

RECOMMENDED FOR

Loctite® POLYSEAMSEAL® Acrylic Caulk with Silicone is used for sealing gaps or cracks around windows, door frame, baseboards, walls, and moldings. Bonds to most common building materials such as wood, drywall, plaster, metals, brick, concrete, masonry, and most painted surfaces

LIMITATIONS

- Do not apply outdoors when rain or freezing temperatures are expected within 24 hours
- Do not use for architectural joints, horizontal joints subject to heavy abrasion or wear, expansion joints, or for tuck pointing
- Not suitable for underwater applications, permanent water immersion, or for aquariums and around swimming pools
- Not recommended for joints deeper than 1/4" without the use of a backer rod or in joints wider than 3/8"
- Do not use on mirrors and metals that will corrode

COVERAGE

A 5.5 fl. oz. (163 mL) cartridge will extrude:

- 1/4" (6 mm) bead extrudes approximately 15 ft. (4.7 m).
- 3/8" (9.5 mm) bead extrudes approximately 6.8 ft. (2.1 m).

A 10 fl. oz. (295 mL) cartridge will extrude:

- 1/4" (6 mm) bead extrudes approximately 31 ft. (9.3 m).
- 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m).

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Various	<u>Application Temperature:</u>	Apply at temperatures between 40°F (5°C) and 100°F (38°C)
<u>Appearance:</u>	Viscous Liquid	<u>Odor:</u>	Acrylic
<u>Base:</u>	Synthetic Latex Rubber	<u>Maximum Joint Size:</u>	5/8" (15.9 mm) x 1/2" (12.7 mm)
<u>Specific Gravity:</u>	1.06 – Clear 1.69 – White, Almond, Bronze	<u>Tack-Free Time:</u>	30 minutes*
<u>Sag or Slump:</u>	Nil	<u>ASTM D 2202</u>	
<u>VOC Content:</u>	≤ 1.5% by weight	<u>TOX 119</u>	
	≤ 35 g/l	<u>SCAQMD rule 1168</u>	
<u>Shelf Life:</u>	24 months from date of manufacture (unopened)	<u>Cure Time:</u>	2 to 7 days** at 78°F (25°C) and 50% RH
<u>Lot Code Explanation:</u>	YYDDD (bottom of cannister) YY = Last two digits of year of manufacture DD = Day of year based on 365 days per year Example: 22060 = March 1, 2022, is the manufacture date	<u>Clean Up:</u>	Warm water and soap. Scrape away cured sealant using a sharp-edged tool.
		<u>Viscosity:</u>	
		White (5.5 oz):	120,000 - 152,000 cps
		Clear:	250,000 - 350,000 cps
		Bronze, Almond, White (10 oz):	≤ 1,000,000 cps

*Time is dependent upon temperature, humidity, porosity of substrate and depth of sealant applied

**Cure time is increased in cold temperatures and/or high humidity environments

Typical Cured Performance Properties

<u>Color:</u>	Various	<u>Hardness:</u> (Shore A)	65 (ASTM C661)
<u>Cured form:</u>	Flexible solid	<u>Paintable:</u>	Yes, after 30 minutes with latex paint and after 24 hours with an oil-based paint
<u>Tensile Strength:</u>	134 psi (ASTM D412)	<u>Service Temperature:</u>	-5°F (-21°C) to 170°F (77°C)
<u>% Elongation:</u>	210%	<u>Specifications:</u>	Meets ASTM C 834
<u>Peel Adhesion:</u>	(ASTM C794)		
Aluminum (Dry)	10 pli	Wood (Dry)	8 pli
Aluminum (Wet)	12 pli	Vinyl (Dry)	3 pli
Glass (Dry)	8 pli	Vinyl (Wet)	7 pli
Glass (Wet)	11 pli		

DIRECTIONS

Tools Typically Required:

Utility knife, caulking gun, and tool to puncture inside seal of cartridge.

Safety Precautions:

Wear gloves and wash hands after use.

Preparation:

The temperature of the product, the surfaces and the working area must be above 40°F (5°C). For best performance, apply sealant at 70°F (21°C). Ensure surfaces to be sealed are clean, dry, structurally sound, and free of dust, dirt, frost, grease, oil, and other foreign contaminants. Cut off tip of cartridge at a 45° angle to desired bead size (3/8" recommended for exterior applications). Puncture inside seal of cartridge.

DIRECTIONS

Application:

Using a caulking gun, apply steady trigger pressure forcing the sealant onto the surface and into the joint. Maximum joint size should not exceed 5/8" (15.9 mm) x 1/2" (12.7 mm). A width to depth ratio of 2:1 should be maintained. Smooth bead with a wet finger or tool. Allow to dry 30 minutes before painting with latex paint or 24 hours if using oil-based paints. Allow a minimum of 24 hours before exposing to water.

Note: Clear sealant will extrude white and will turn clear as it dries.

Clean-up:

Clean tools and uncured adhesive residue immediately with warm water and soap. Cured adhesive may be carefully cut away with a sharp-edged tool.

STORAGE & DISPOSAL

KEEP FROM FREEZING. Store in a cool, dry location at room temperature. For maximum shelf-life store at 75°F (24°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

LABEL PRECAUTIONS

For 10 oz cartridge (Clear):

CAUTION! May irritate eyes and skin. Avoid contact with eyes and skin. Do not swallow. **FIRST AID:** If swallowed, call physician or Poison Control center. For eye contact flush with water for 15 minutes. For skin contact, wash with soap and water. **KEEP OUT OF THE REACH OF CHILDREN.**



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Refer to the Safety Data Sheet (SDS) for further information

For 5 oz squeeze tube and 10 oz cartridge (White, Almond, and Bronze):

CAUTION! Contains crystalline silica. May irritate eyes and skin. Avoid contact with eyes and skin. Do not swallow. **FIRST AID:** If swallowed, call a physician or Poison Control center. For eye contact flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water. **KEEP OUT OF THE REACH OF CHILDREN.**



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Henkel Corporation - Professional & Consumer Adhesives Headquarters - Rocky Hill, CT 06067
www.henkel-northamerica.com