

## POLYSEAMSEAL® Acrylic Caulk with Silicone



### DESCRIPTION

LOCTITE® POLYSEAMSEAL® Acrylic Caulk with Silicone is a high-quality acrylic latex caulk with added silicone to give extra durability and adhesion. Its fast set formulation is paintable within 30 minutes <sup>[1]</sup> 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 <sup>[1]</sup>, with a latex paint, ensures quick completion of projects
- Low VOC content
- Water-based caulk is easy to use and tool
- Easy clean up with soap and water
- Low odor makes this caulk ideal for indoor projects

### RECOMMENDED FOR

LOCTITE POLYSEAMSEAL Acrylic Caulk with Silicone is used for sealing gaps and cracks around windows, door frames, baseboards, walls, and moldings. It 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, around swimming pools, or aquariums
- Not recommended for joints deeper than 1/4" without the use of a backer rod or in joints wider than 3/8" <sup>[2]</sup>
- Do not use on mirrors and metals that will corrode

### COVERAGE

#### For a 5.5 fl. oz. (163 mL) squeeze tube:

- 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)

#### For a 10 fl. oz. (295 mL) cartridge:

- 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>	Clear, White, Almond, Bronze <b>Note:</b> Clear product extrudes white and turns to clear as it dries	<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> <sup>[2]</sup>	3/8" (9.5 mm) x 1/2" (12.7 mm)
<u>Specific Gravity:</u>	1.06 – Clear 1.69 – White, Almond, Bronze	<u>Tooling Open Time:</u>	5 minutes*
<u>Sag or Slump:</u>	Nil ASTM D 2202	<u>Tack-Free Time:</u>	30 minutes*
<u>Viscosity:</u>		<u>Cure Time:</u>	2 to 7 days** at 78°F (25°C) and 50% RH
White (5.5 oz):	120,000 - 152,000 cps	<u>Clean Up:</u>	Warm water and soap. Scrape away cured sealant using a sharp-edged tool.
Clear (10 oz.):	250,000 - 350,000 cps		
Bronze, Almond, White (10 oz):	≤ 1,000,000 cps		
<u>VOC Content:</u>	≤ 1.5% by weight (CARB) ≤ 35 g/l (SCAQMD rule 1168)		

Shelf Life: 24 months from date of manufacture (unopened)

Lot Code Explanation:

**YYDD**

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

+ Cartridge: Stamped along bottom edge of cartridge

+ Squeeze Tube: Imprinted along crimped edge of tube

\*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>	Clear, White, Almond, Bronze	<u>Hardness:</u> (Shore A)	65 – 70 (ASTM C661)
<u>Cured form:</u>	Flexible solid	<u>Paintable:</u> <sup>[1]</sup>	Yes, after 30 minutes with latex paint and after 24 hours with an oil-based paint <sup>[1]</sup>
<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% (ASTM D412)	<u>Specifications:</u>	Meets ASTM C 834
<u>Joint Movement:</u>	< 12 % total movement		
<u>Peel Adhesion:</u>	(ASTM C794)		
Aluminum (Dry)	10 pli	Glass (Dry)	8 pli
Aluminum (Wet)	12 pli	Glass (Wet)	3 pli
		Vinyl (Dry)	3 pli
		Vinyl (Wet)	7 pli
		Wood (Dry)	8 pli

[1] Sealant can be painted with latex paint or primer in 30 minutes with bead size 1/4", temperature min 65°F (18.3°C) & humidity min 50%. Sealant beads larger than 1/4 inch should not be painted for 2 hours or exposed to water for 24 hours. Allow to dry for 24 hours if using oil-based paints. Do not touch for 24 hours, unless applying paint.

[2] Maximum joint size: 1/4" (6 mm) x 1/4" (6 mm) without backer rod.  
 Maximum joint size: 3/8" (15.9 mm) x 1/2" (12.7 mm) with backer rod.

## 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, application 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.

### 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 1/4" (6 mm) x 1/4" (6 mm) without backer rod, or 3/8" (9.5 mm) x 1/2" (12.7 mm) with backer rod. A width to depth ratio of 2:1 should be maintained. Smooth bead with a wet, gloved finger or tool. Allow to dry 30 minutes <sup>[1]</sup> before painting with latex paint or 24 - 48 hours depending on size of bead applied if using oil-based paints. Allow a minimum of 24 hours before exposing to water.

**Note:** Clear sealant will extrude white and then turn to clear as it dries; sealant may turn white if exposed to water again but will turn clear again upon drying.

### 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](http://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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