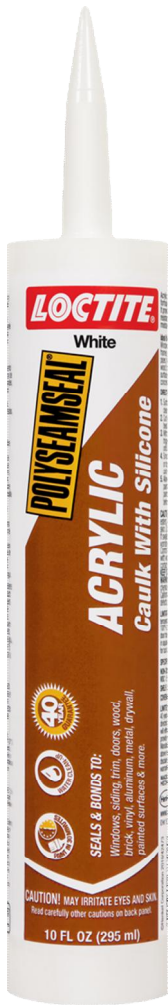




# TECHNICAL DATA SHEET



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## DESCRIPTION

Loctite® Polyseamseal® Acrylic Caulk with Silicone is a high quality 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.

## RECOMMENDED USES:

- Sealing gaps or cracks around windows, door frame, baseboards, walls and molding
- Bonds well to wood, drywall, plaster, metals, brick, concrete, masonry and painted surfaces

## NOT RECOMMENDED FOR:

- Do not apply outdoors when rain or freezing temperatures are expected within 24 hours
- Do not use for architectural joints, joints subject to heavy abrasion or wear, or tuck pointing
- Not suitable for underwater applications, permanent water immersion or for aquariums
- Do not use on mirrors and metals that will corrode

## FEATURES & BENEFITS:

Feature	Benefits
Paintable in 30 minutes.....	Quick completion of project
Ultra low VOC content.....	Qualifies for LEED® points
Water-based adhesive.....	Non-flammable and environmentally friendly
Easy cleanup with water (uncured adhesive).....	Eliminates the use of harsh cleaning chemicals
Low odor.....	Ideal for indoor projects – no strong solvent odor

## COVERAGE:

For a 10 fl. oz. (295 mL) cartridge:  
A 1/4" (6 mm) bead extrudes approximately 31 ft. (9.3 m).  
A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m).

## DIRECTIONS

**Tools Typically Required:**  
Utility knife, caulking gun and tool to puncture inside seal of cartridge.

**Safety Precautions:**  
Wear gloves.

**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, grease, oil, and other foreign contaminants. Cut off tip of cartridge at a 45° angle to desired bead size (3/8" recommended). Puncture inside seal of cartridge.

Color	Item #	Packaging	Size
White	1507595 1507600	Squeeze Tube Plastic Cartridge	5.5 oz 10 oz
Clear	1507593	Plastic Cartridge	10 oz
Almond	1507598	Plastic Cartridge	10 oz
Cedar	1507594	Plastic Cartridge	10 oz
Dark Brown	1507596	Plastic Cartridge	10 oz
Gray	1507597	Plastic Cartridge	10 oz
Bronze	1507599	Plastic Cartridge	10 oz

**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 AND 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**

Do not swallow. Do not get in eyes or on skin.  
**KEEP OUT OF REACH OF CHILDREN.**

**Refer to the Material Safety Data Sheet (MSDS) for further information**

**DISCLAIMER**

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

**TECHNICAL DATA**

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Various Colors	<u>Application Temperature:</u>	Apply at temperatures between 40°F (5°C) and 100°F (38°C)
<u>Appearance:</u>	Non-slumping paste	<u>Odor:</u>	Mild acrylic odour
<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>		<u>Tooling / Open Time:</u>	15 minutes
Clear:	1.06	<u>Tack-Free Time:</u>	30 minutes
Bronze & Gray:	1.30	<u>Cure Time:</u>	2 to 7 days
Other colors:	1.69		Cure time depends upon temperature, humidity, porosity of substrate and thickness of sealant applied.
<u>VOC Content:</u>	1.5% by weight (< 30 g/L)	<u>Sag or Slump:</u>	Nil
<u>Shelf Life:</u>	24 months from date of manufacture (Unopened)		
<u>Lot Code Explanation:</u>	YYDDD YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year For example: 13061 = 61 <sup>st</sup> day of 2013 = March 2, 2013		
<i>(Squeeze Tube: Lot code is imprinted on crimped end of tube; Cartridge: Lot code is stamped on bottom edge of cartridge body)</i>			

## Typical Cured Performance Properties

<u>Color:</u>	Various Colors
<u>Cured Form:</u>	Non-flammable solid
<u>Service Temperature:</u>	-5°F (-21°C) to 170°F (77°C)
<u>Paintable:</u>	Yes, after 30 minutes with latex-based paints and after 24 hours for oil-based paints.
<u>Shore A Hardness (ASTM C 661):</u>	65
<u>Peel Adhesion (ASTM C 794):</u>	
Aluminum (Dry)	10 pli
Aluminum (Wet)	12 pli
Glass (Dry)	8 pli
Glass (Wet)	11 pli
Wood (Dry)	8 pli
Vinyl (Dry)	3 pli
Vinyl (Wet)	7 pli
<u>Tensile Strength (ASTM D 412):</u>	134 psi
<u>% Elongation:</u>	210%
<u>Specifications:</u>	<ul style="list-style-type: none"><li>▪ Qualifies for LEED® points</li><li>▪ Meets ASTM C 834 specifications</li></ul>