



TECHNICAL DATA SHEET



POLYSEAMSEAL® Caulk+ All-Purpose Adhesive Caulk

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DESCRIPTION

Loctite® Polyseamseal® Caulk+ All-Purpose Adhesive Caulk is a premium grade water-based caulk designed to have the strength of an adhesive and the sealing characteristics of a caulk. Polyseamseal® All-Purpose bonds to almost any surface, indoors or out, including wood, concrete, metal, ceramic, drywall, plaster and much more. Easy to apply and tool. Environmentally safe, soap and water clean-up. Contains no silicone. Cured product is weather-resistant, mold and mildew resistant and paintable.

RECOMMENDED FOR:

Polyseamseal® All-Purpose was designed to be a multiple use adhesive and caulk. Can be used for almost any household or remodeling project. Use for gluing loose molding or tiles, securing backsplashes, setting sinks and even repairing or concealing small cracks in plaster, drywall or around molding and baseboards. Polyseamseal® All-Purpose can even help to lower energy costs by sealing air leaks around windows and door sand other utility and plumbing penetrations.

NOT RECOMMENDED FOR:

- Do not apply at temperatures below 40°F (5°C) and above 100°F (38°C)
- Do not apply outdoors if rain or freezing temperatures are expected within 24 hours of application
- Not recommended for continuous water immersion
- Not for use below water line, on mirrors or in aquariums, under shower door tracks or between two non-porous surfaces
- Not for use in architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- If joint size exceeds 1/4" x 1/4" use backing material
- Not for use on Butt joints
- Do not use on unfinished or unprimed fiber cement (Fiber cement must be primed or have a factory finish before application)

FEATURES & BENEFITS:

Feature	Benefits
2-in-1 product.....	Possesses both bonding and sealing capabilities
Permanently flexible and durable.....	Long lasting, professional finish
Mold & mildew resistant seal.....	Inhibits mold & mildew growth on caulk surface
Easy clean up.....	Uncured adhesive cleans up easily with soap and water
Water-resistant.....	Ideal for humid or steamy areas
Paintable and durable.....	Long lasting, professional finish
Water-based product.....	Low odor, non-flammable

COVERAGE

For a 1/4" (6 mm) bead:

- A 1.5 fl oz (44 mL) squeeze tube will extrude approx. 4.6 ft. (1.4 m)
- A 5.5 fl oz (163 mL) squeeze tube will extrude approx. 16.9 ft. (5.1 m)
- A 10 fl oz (295 mL) cartridge will extrude approx. 30.6 ft. (9.3 m)

**Loctite® Polyseamseal® Caulk+ All-Purpose
Adhesive Caulk**



Color	Item #	Packaging	Size
White	1515888	Squeeze Tube	1.5 oz
	1515864	Squeeze Tube	5.5 oz
	1697225	Squeeze Tube	5.5 oz
	1723243	Squeeze Tube	5.5 oz
	1515133	Plastic Cartridge	10 oz
	1514750	Plastic Cartridge	10 oz
Clear	1515136	Plastic Cartridge	10 oz
	1508193	Squeeze Tube	5.5 oz
	1722950	Squeeze Tube	5.5 oz
	1723254	Squeeze Tube	5.5 oz
Almond	1700028	Plastic Cartridge	10 oz
Black	1723244	Plastic Cartridge	10 oz

DIRECTIONS

Tools Typically Required:

Utility knife, caulking gun, masking tape and tooling device.

Safety Precautions:

Apply and cure in a well ventilated area. Wear gloves and wash hands after use.

Preparation:

Apply sealant between 40°F (5°C) and 100°F (38°C). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Remove mold or mildew using bleach and detergent that does not contain ammonia. Rinse surface and allow to dry. For neat bead lines, mask both sides of the joint. Cut the tip off the cartridge or squeeze tube at a 45° angle to desired bead size (minimum of 1/8").

Application:

Apply sealant with steady pressure, forcing the sealant into the joint. Smooth bead immediately with a wet finger or a tool. Remove masking tape immediately after tooling and wipe excess off of hands and tools. Sealant is paintable within 2 hours depending on temperature and humidity. Allow at least 24 hours before exposing to water. Periodically clean cured sealant with non-abrasive cleaner for best appearance. Note: The clear product will extrude white and will turn clear as it dries.

Clean-up

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

STORAGE & DISPOSAL

DAMAGED BY FREEZING. To maximize shelf life, store cartridge in a cool, dry place at temperatures above 40°F (5°C) and below 100°F (38°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

LABEL PRECAUTIONS

CAUTION! Contains ethylene glycol, butyl acetate and crystalline silica. May cause skin, eye and respiratory irritation. Avoid contact with eyes and skin. Use with adequate ventilation. Do not swallow.
FIRST AID: If swallowed do not induce vomiting; 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. If overcome by vapors, get fresh air. **KEEP OUT OF THE REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Refer to 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>	White, Almond and Black (Clear product will extrude white and change to clear as it dries)	<u>Application Temperature:</u>	Apply between 40°F (5°C) and 100°F (38°C)
		<u>Odor:</u>	Mild acrylic odor
<u>Appearance:</u>	Lump-free, non-sag paste	<u>Skin Time:</u>	6 minutes
<u>Base:</u>	Acrylic latex	<u>Tooling Time:</u>	10 to 20 minutes
<u>Viscosity:</u>		<u>Cure Time:</u>	24 hours to 2 weeks*
White -1.5 oz & 5.5 oz:	112,000 – 160,000 cps		
White - 10 oz:	360,000 – 520,000 cps		*Cure time is dependent on temperature, humidity and amount of product used
Clear - 5.5 oz:	200,000 – 250,000 cps		
Clear - 10 oz:	250,000 – 350,000 cps		
Almond – 10 oz:	360,000 – 520,000 cps		
Black - 10 oz:	360,000 – 520,000 cps		

Specific Gravity:

White, Black and Almond: 1.30
Clear: 1.06

Flashpoint:

White, Black and Almond: 180°F (82°C)
Clear: Not Applicable

VOC Content:

White - 1.5 oz. & 5.5 oz.: 1.15% by weight (152 g/L)
White - 10 oz.: 1.5% by weight (142 g/L)

Clear - 5.5 oz & 10 oz: 1.5% by weight (143 g/L)

Almond - 10 oz: 1.5% by weight (143 g/L)

Black - 10 oz: 1.5% by weight (143 g/L)

Shelf Life:

(From date of manufacture)
1.5 oz. & 5.5 oz.: 18 months (unopened)
10 oz.: 24 months (unopened)

Lot Code Explanation:

YYDDD
YY = Last two digits of year of
manufacture
DDD = Day of manufacture
based on 365 days in a year

Cartridge: Stamped on
bottom edge of cartridge body;

Squeeze Tube: Imprinted on
crimped edge of tube near
hang hole.

For example: 13061
= 61st day of 2013
= March 2, 2013

Typical Cured Performance Properties

Color: White, Clear, Almond & Black

Cured Form: Non-flammable solid

Service Temperature: -15°F (-26°C) to 170°F (77°C)

Water Resistant : Wait until sealant is fully cured before exposing to water (24 to 48 hours)

Paintable: Yes, after 2 hours with a latex or oil-based paint