



TECHNICAL DATA SHEET



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DESCRIPTION

Loctite® Polyseamseal® Tub & Tile ULTRA is a superior performing sealant made for humid areas such as kitchens and baths. It contains BioGuard™ an antimicrobial agent that helps prevent unsightly stains and odor caused by mold and mildew growth on the caulk surface. Added silicone increases durability and flexibility giving a watertight seal. Polyseamseal® Tub & Tile ULTRA dries to a high gloss sheen.

RECOMMENDED FOR:

- Sealing around bathtubs, sinks, shower stalls, tiles and plumbing fixtures.
- Excellent adhesion to ceramic, porcelain, glass, fiberglass composites, enamel, aluminum, stainless steel, wood, many plastics and wallboard.

NOT RECOMMENDED FOR:

- Applications below 40°F (5°C) and above 100°F (38°C)
- Continuous water immersion
- Use under shower door tracks, below water line, on mirrors, in aquariums,
- Architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- Joints deeper than ½" without use of a backer rod

FEATURES & BENEFITS:

Feature	Benefits
Contains BioGuard™.....	Inhibits mold & mildew growth
Permanently flexible and durable.....	Long lasting, professional finish
Paintable.....	Sealant is paintable with a latex or oil-based paint after 2 hours
Easy clean up.....	Uncured adhesive cleans up easily with soap and water
Water-resistant.....	Ideal for humid or steamy areas
Water-based formula.....	Low odor, non-flammable
Available in 10 or 5.5 fl. oz. sizes.....	Two convenient sizes for different size projects

Color	Size	Packaging	Item #
Glossy White	5.5 oz.	Squeeze Tube	1510314
	10 oz.	Plastic Cartridge	1509356
Clear	5.5 oz.	Squeeze Tube	1510049
	10 oz.	Plastic Cartridge	1509362
Biscuit	5.5 oz.	Squeeze Tube	1510052
	10 oz.	Plastic Cartridge	1509358

COVERAGE

A 5.5 fl. oz. (162 mL) squeeze tube will extrude approx. 16.8 ft. (5.1 m) of a ¼" (6 mm) bead.
 A 10 fl. oz. (295 mL) cartridge will extrude approx. 30.6 ft. (9.3 m) of a ¼" (6 mm) bead.

DIRECTIONS

Tools Typically Required:

Utility knife, caulking gun and tooling device.

Safety Precautions:

Well-ventilated area. Wear gloves.

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 with a latex or oil-based paint after 2 hours. Wait 24 to 48 hours before exposing to water. Note: Clear sealant will extrude white and then turn to 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 AND DISPOSAL

DAMAGED BY FREEZING. Store in 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! Wash hands after handling. Avoid contact with eyes and skin. Do not take internally. If swallowed, seek medical attention immediately. Keep from freezing. **KEEP OUT OF THE REACH OF CHILDREN.**

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 and Biscuit (Note: Clear product extrudes white and turns to clear as it dries.)	<u>Application Temperature:</u>	Apply between 40°F (5°C) and 100°F (38°C)
<u>Appearance:</u>	Lump-free paste	<u>Tack-Free Time:</u>	15 to 30 minutes
<u>Base:</u>	Acrylic Latex	<u>Cure Time:</u>	24 to 48 hours (Cure time is dependent on temperature, humidity and amount of product used.)
<u>Odor:</u>	Mild	<u>ATS Extrusion:</u>	28 lbs
<u>Viscosity:</u>		<u>Channel Slump:</u> (ASTM C 639)	0.00 to 0.32"
	Colors - Tube: 400,000 to 560,000 cps		
	Colors - Cartridge: 200,000 to 300,000 cps		
	Clear - Tube: 200,000 to 250,000 cps		
	Clear - Cartridge: 250,000 to 350,000 cps		
<u>Specific Gravity:</u>			
	Clear: 1.06		
	Colors: 1.26		

VOC Content:

Clear: < 1.5% by weight (< 15 g/L)
Colors: < 1% by weight (< 4 g/L)

Shelf Life:

From date of Manufacture (Unopened):
5.5 fl. oz. Squeeze Tube: 18 months
10 fl. oz. Cartridge: 24 months

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 along
bottom edge of cartridge.)

Squeeze Tube: Imprinted
along crimped edge of tube.)

For example: 09061
= 61st day of 2009
= March 2, 2009

Typical Cured Performance Properties

<u>Color:</u>	Glossy White / Biscuit / Clear	<u>Service Temperature:</u>	0°F (-18°C) to 180°F (82°C)
<u>Elongation:</u> (ASTM D412)	580%	<u>Tensile Strength:</u> (ASTM D412)	306 psi
<u>Shore A Hardness:</u> (ASTM C 661)	64	<u>Peel Adhesion:</u> (ASTM C 794)	
<u>Paintable:</u>	Yes, after 2 hours with a latex or oil-based paint.	Aluminum Dry	12 pli
		Glass Dry	10 pli
		Wood Dry	45 pli
		Vinyl Dry	13 pli
<u>Water Resistant:</u>	Wait until sealant is fully cured before exposing to water (24 to 48 hours).	Aluminum Wet	10 pli
		Vinyl Wet	19 pli
<u>Extension Recovery:</u> (ASTM C736)	100%		