



SPECIALTY

POLYURETHANE

One Component Smooth Polyurethane Sealant



White Lightning® Smooth Polyurethane is a one-component, high performance, moisture cure, non-sag elastomeric polyurethane sealant. It is designed for a wide range of sealing and caulking applications in joints subject to structural movement. It is especially effective in joints between dissimilar substrates. After curing, it exhibits a flexible, resilient, rubber-like appearance that adheres to a wide variety of substrates.

White Lightning® Smooth Polyurethane is excellent for expansion joints, interior/exterior - above and below grade, aluminum and wood window frames, vinyl siding, skylights, doors, foundations, fascia, precast units, store front assemblies, panel walls, roofing and parapets. For use on: cementitious board, masonry, stucco, concrete, wood, vinyl, aluminum, steel, ceramics, clay and concrete roof tiles, and natural stone.

- Excellent Durability
- Superior Adhesion to Many Surfaces
- Elastomeric Sealant - 70% Total Joint Movement
- Construction Grade



PART #	UPC	Color	SIZE
W42200010	0-23275-29051-8	White	10.1 fl oz
W42204110	0-23275-29052-5	Limestone	10.1 fl oz

WHITE



POLYURETHANE

CONSTRUCTION SEALANT

Excellent Durability

- Superior Adhesion to Many Surfaces
- Elastomeric Sealant - 70% Total Joint Movement
- Construction Grade

ONE COMPONENT SMOOTH POLYURETHANE SEALANT



WARNING!
VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. Before using, carefully read CAUTIONS on

Exceeds ASTM C-920, Class 35

Physical Properties:

Type: Polyurethane

Colors: White, Limestone

Shelf Life: 12 Months

Flash Point: N/A

Flammability: N/A

Full Cure Time: Skins <24 hours, full cure – approximately one week

Tack Free Time: Passes

Application Temperature: 40° F to 90° F

Service Temperature: -40° F to 180° F

Painting: Paintable after fully cured – approximately one week

Ozone Resistance: Good

UV Resistance: Good

Odor: Moderate

Elongation: 800%

Performance Data:

Joint Size: 1-1/2" x 1/2"

Freeze-Thaw Stability: N/A

Shelf Life: 12 Months

Clean Up: Excess sealant and smears should be dry-wiped from all surfaces while still uncured, followed with a commercial solvent such as xylol, toluol, or methyl ethyl ketone. The use of these solvents (or other solvents) may be hazardous to your health.

Flexibility: +/- 35%

Painting: Paintable after fully cured – approximately one week

ASTM: Meets or exceeds ASTM C-920, Type S, Grade NS, and Class 35 Use: NT, A, M, O, T. Federal Specification TT-S-00230 C, Type II, Class A, Non-Sag, One Component

Linear Coverage:

Coverage in Lineal Feet One cartridge (10.1fl. Oz)				
Depth in Inches				
	1/4"	3/8"	1/2"	
Width in inches	1/4"	24'	-	-
	3/8"	16'	-	-
	1/2"	12'	-	-
	5/8"	10'	7'	-
	3/4"	-	6'	4'
	7/8"	-	5'	4'
	1"	-	4'	3'

When using this reference chart, you MUST consider the physical limitations of the product you are using. Not all products can be used in the gap sizes shown.

Application:

1. Remove all existing sealant from surface.
2. Dust and loose particles should be blown out of joints.
3. All surfaces must be structurally sound, clean, dry, and fully cured.
4. Apply White Lightning® Smooth Polyurethane sealant in a continuous operation, using a professional grade caulking gun and positive pressure adequate to properly fill and seal the joint.
5. Tool the sealant with adequate pressure to spread the sealant against the back-up material and onto the joint surfaces.
6. If painting, it is not recommended to use oil-based paints due to their poor elastic properties.
7. Once cured, sealant is difficult to remove. Excess sealant and smears should be dry-wiped from all surfaces while still uncured, followed with a commercial solvent such as xylol, toluol or methyl ethyl ketone. The use of these solvents (or other solvents) may be hazardous to your health.

- Cut nozzle tip 45° angle.
- Puncture inner seal of cartridge.
- Load cartridge into caulk gun.
- Squeeze trigger to start flow of sealant and work sealant into joint.
- Smooth sealant with proper tool.

Clean Up:

Cured sealant is very difficult to remove. Excess sealant and smears should be dry-wiped from all surfaces while still uncured, followed with a commercial solvent such as xylol, toluol or methyl ethyl ketone. The use of these solvents (or other solvents) may be hazardous to your health.

Cautions:

See SDS

Limitations:

White Lightning® Smooth Polyurethane sealant should be dry tooled. Tooling techniques using solvents or soapy solutions are not recommended. All surfaces must be evaluated for adhesion prior to use. Sealant will remain tacky for a few hours and attract dust and dirt from the jobsite which may affect the appearance of the sealant. Check tack-free time to prevent dirt pick-up. During cure time, do not expose to curing silicone sealants, alcohol based materials or solvents, acids, or solvent-based materials. Until fully cured, do not expose the sealant to mechanical stress. Confined areas, deep joints and moisture barrier substrates may extend the cure time.

LIMITED WARRANTY:

If when applied according to label directions within one year from date of purchase this product fails to perform to your satisfaction, as your sole remedy we will replace the product at no cost or refund the original purchase price with proof of purchase. Labor or costs associated with labor not included. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER.

For more information please call or write:

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