

# Product Case Study



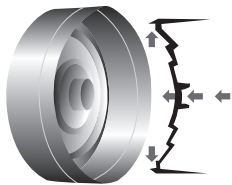
"I used the Lexel just to seal that seam to keep the water from getting into the barn. I ran out of product...and you can tell where I used another product that's supposed to be similar. It's a lot more brittle and didn't hold up. Now, I keep enough Lexel on hand to ensure that I won't run out, no matter what job I'm doing."

— Cole Hoffman

## Alyster Plunger

10.5 oz. cartridges feature Sashco's unique Alyster plunger. A flexible telescopic diaphragm not only stops material flow, it actually pulls material back into the nozzle!

- **Tight Seal** – Increases shelf life and minimizes leakage.
- **Stop Flow** – The flexible telescopic diaphragm assures that material flow will stop when caulk gun pressure is released.



| PROPERTY              | VALUE                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colors                | Clear & White                                                                                                                                                                                                                                                                                  |
| Packaging             | 10.5 oz. plastic cartridges, 5 oz. squeeze tubes                                                                                                                                                                                                                                               |
| Paintability          | With latex paint/stain after 24-48 hours or oil-base paint/stain after 3-4 weeks                                                                                                                                                                                                               |
| Joint Size            | Maximum 2"                                                                                                                                                                                                                                                                                     |
| Clarity (NTU)         | < 13                                                                                                                                                                                                                                                                                           |
| Radon Barrier         | Stops 94%                                                                                                                                                                                                                                                                                      |
| Application Range     | 0°F to 120°F (-18°C to 49°C) surface temperature                                                                                                                                                                                                                                               |
| Service Range         | -30°F to 200°F (-34°C to 93°C)                                                                                                                                                                                                                                                                 |
| Freeze-thaw Stability | Won't freeze                                                                                                                                                                                                                                                                                   |
| Tensile Properties    | Recovery at 50% stretch: 96% in 1 minute<br>Recovery at 100% stretch: 96% in 1 minute                                                                                                                                                                                                          |
| VOC                   | Clear <sup>1</sup> & White <sup>3,4</sup> Cartridge: ≤380 g/L, <43 wt%<br>Clear <sup>2</sup> & White <sup>3,4</sup> Squeeze Tube: ≤410 g/L, <47 wt%<br>White Lower VOC Cartridge <sup>3</sup> & Squeeze Tube <sup>3</sup> : ≤40 g/L, <4 wt%<br>Clear Lower VOC Squeeze Tube: ≤380 g/L, <43 wt% |
| Shelf Life            | 5 years                                                                                                                                                                                                                                                                                        |

| TEST DATA: PROPERTY   | RESULTS                                                             | TEST METHOD |
|-----------------------|---------------------------------------------------------------------|-------------|
| Durability            | 25% total joint movement (10 cycles @ -15°F/-26°C)                  | ASTM C719   |
| Hardness, Shore A     | 25 (21-day cure)                                                    | ASTM C661   |
| Slump                 | < 1/8"                                                              | ASTM D2202  |
| Solids                | 46-58% by weight depending on product                               | ASTM C1250  |
| Extrusion Rate        | 80 g/min (1/8" orifice at 40 psi)                                   | ASTM C603   |
| Cured                 | 1 week (dependent on temperature, humidity and bead size/thickness) | ASTM C679   |
| Tack-free             | Less than 30 minutes                                                | ASTM C679   |
| Low Temp. Flexibility | Pass (not artificially weathered)                                   | ASTM C734   |
| Adhesion-in-peel      | See "ADHERES TO" section                                            | ASTM C794   |

**SPECIFICATIONS:**  
• Meets FHA requirements.

The data reported here are believed to be reliable. No warranty is made concerning their accuracy or the results obtained from their use.

<sup>1</sup> Clear Cartridge sold in all 50 US states and Canada.

<sup>2</sup> Clear Squeeze Tube not for sale in California. Clear Squeeze Tube Lower VOC required in California.

<sup>3</sup> All White products not for sale in California.

<sup>4</sup> White Cartridge and White Squeeze Tube not for sale in CT, DC, DE, IL, IN, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, UT (select counties), VA (select counties), VT, and Canada. White Cartridge Lower VOC and White Squeeze Tube Lower VOC required in these areas.

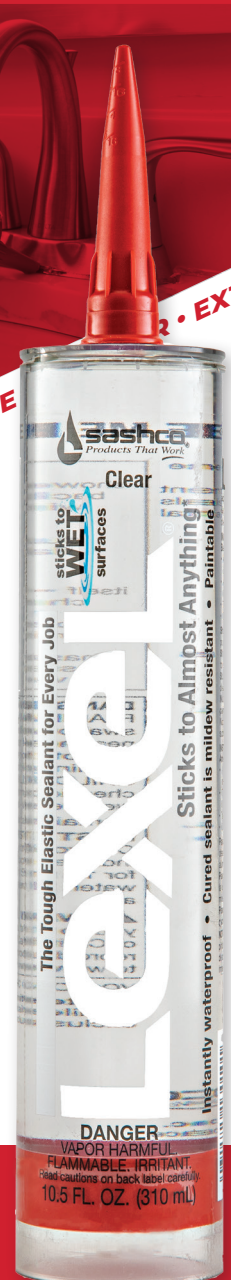


**THE TOUGH ELASTIC SEALANT**  
For Every Job.

INTERIOR • EXTERIOR • ALL PURPOSE

**Lexel**  
**STICKS**  
to Almost  
Anything

sticks to  
**WET**  
surfaces



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## THE TOUGH ELASTIC SEALANT For Every Job.

**Lexel®** is the tough elastic sealant for every interior and exterior job. It has superior adhesion to almost any surface, wet or dry, and is instantly waterproof! Lexel® is extremely elastic and has a 700% maximum joint movement so it won't crack over time, meaning you only need to do a job once. It is paintable, sticks to itself and is crystal clear. In fact, it is 19 times clearer than silicone and won't yellow or get cloudy over time. Best yet, you never have to worry about leaving Lexel® in your truck or garage since it is permanently freeze-thaw stable. After all, no one likes to waste a tube of sealant. Lexel® truly is the only sealant you need in your toolbox, and it won't let you down.



## Features & Benefits

- ✓ Highly Elastic
- ✓ Sticks to difficult surfaces, even when wet
- ✓ 19 times clearer than silicone
- ✓ Instantly waterproof
- ✓ All-weather formula
- ✓ Paintable
- ✓ Excellent UV resistance
- ✓ Super Elastic – 700% max. stretch
- ✓ Permanently flexible
- ✓ Strong tear resistance
- ✓ Freeze-thaw stable in package
- ✓ Dripless plunger
- ✓ Full 10.5oz in every cartridge

## Application Basics

### Dry Time

Full cure:  
1 week (depending on temperature and humidity)

Paintable:  
1-2 days with water-based paint  
3-4 weeks with oil-based paint

### Clean up / Removal

Tools: Mineral spirits or paint thinner  
Hands: Citrus-based cleaners

### Application Range

0° to 120°F  
(-18° to 49° C)

### Service Range

-30° to 200°F  
(-34° to 93°C)



| Description          | Item # |
|----------------------|--------|
| 5 OZ. Clear          | 13013  |
| 5 OZ. White          | 13033  |
| 10.5 OZ. Clear       | 13010  |
| 10.5 OZ. White       | 13030  |
| 5 OZ. White - VOC    | 13043  |
| 5 OZ. Clear- CA Only | 13017  |
| 10.5 OZ. White - VOC | 13080  |

## Where to Use

Lexel is excellent for a variety of indoor and outdoor applications, including:

### Building Materials

- Asphalt
- Alkyd Stain
- Brick
- Canvas
- Ceramic
- Concrete
- Corian®\*
- Drywall
- EIFS
- Fiberglass
- Glass

- Laminate Tops
- Mortar
- Paint
- Porcelain
- Stone
- Stucco
- Tile
- Vinyl
- Wood

### Metals

- Aluminum

- Brass
- Copper
- Galvanized Steel
- Plastics**
- ABS
- Acrylic Sheet
- Nylon
- Poly-carbonate
- PVC
- Duxxbak®\*

## Where to NOT Use

Adhesion is poor on the following substrates. A test patch is recommended:

- Aquaseal®\*
- Cultured marble
- Kynar®\*
- Teflon coatings
- Polyethylene
- Silicone
- Waxes
- TPO
- Polypropylene

Lexel has excellent adhesion on these surfaces, but it can wrinkle them. A test patch is recommended:

- EPDM
- Vulcanized rubber

Lexel dissolves foam insulation. Do not use on:

- Polystyrene foam insulation

*Plastics not listed should be tested for compatibility before use.*

*\*Aquaseal®, Kynar® and Duxxbak® are registered trademarks of their respective owners.*

*\*Corian® is a registered trademark of DuPont De Nemours, Inc.*