

Lexel®

TECHNICAL DATA SHEET

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 747% 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.

Where to Use

Lexel is excellent for almost every indoor and outdoor application, 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
- ✓ Polycarbonate
- ✓ PVC
- ✓ Duxxbak®*

Where NOT to Use

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

- Aquaseal®*
- Cultured marble
- Kynar®* (PVDF)
- Teflon coatings
- Polypropylene
- Polyethylene (using Lexel on polyethylene sill seal is accepted)
- Silicone
- Waxes

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

- EPDM
- Vulcanized rubber
- TPO

Do not use on:

- Polystyrene foam insulation (Lexel will dissolve it)
- Not for use in areas of prolonged immersion



Application:

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)

- Large beads applied in hot weather (above 95°F) may exhibit slight bubbling. For best results, apply out of direct sunlight.
 - Prepare frosty or icy surfaces by cleaning with alcohol.
 - If using indoors, make sure the room is well-ventilated.
 - Natural shrinkage may
- give some joints a concave appearance.
 - Multiple applications may be needed to fill the joint flat.
 - If dirt or oils are present on the substrate, wash with any household cleaner, rinse to remove and allow to thoroughly dry.
 - Remove any old caulk, especially silicone or silicone residue. Use a caulk remover.
 - Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal.
 - Cartridge: Gun Lexel into the joint with a caulk gun.
 - Squeeze Tube: Squeeze Lexel into the joint.
 - Tool for a smoother bead using a caulking tool or a soapy finger and a light, skimming touch.
 - Minimum bead size: 1/4". For best results, use 3/8" or larger.

Storage and Clean-Up:

- Clean tools with mineral spirits, paint thinner or citrus-based cleaners.
 - Clean hands with citrus-based cleaners.
 - Lexel cartridges can be
- stored if sealed tightly. Wrap cartridge nozzles tightly with plastic wrap and a rubber band.
 - Lexel squeeze tubes can be stored by tightly replacing the cap.

| Description | Case Pack | Item # | Item UPC |
|----------------------|-----------|--------|---------------|
| 5 OZ. Clear | 12 | 13013 | 031525130132 |
| 5 OZ. White | 12 | 13033 | 031525130330 |
| 10.5 OZ. Clear | 12 | 13010 | 031525130101 |
| 10.5 OZ. White | 12 | 13030 | 031525130309 |
| 5 OZ. White - VOC | 12 | 13043 | 031525130439 |
| 5 OZ. Clear- CA Only | 12 | 13017 | 0315250130170 |
| 10.5 OZ. White - VOC | 12 | 13080 | 031525130804 |
| 10.5 OZ. Clear - VOC | 12 | 13090 | 031525130903 |

Typical Properties:

| 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 |
| Coverage | Cartridge; 32 lineal feet (with 1/4" bead) Squeeze tube; 15 feet |
| Joint Size | Maximum 2" |
| Clarity (NTU) | < 13 |
| 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 Recovery at 100% stretch: 96% in 1 minute |
| VOC | Clear ¹ & White ^{3,4} Cartridge: ≤380 g/L, <43 wt% Clear ² & White ^{3,4} Squeeze Tube: ≤410 g/L, <47 wt% White Lower VOC Cartridge ³ & Squeeze Tube ³ : ≤40 g/L, <4 wt% Clear Lower VOC Squeeze Tube: ≤380 g/L, <43 wt% |

Shelf Life 5 years

TEST DATA:

| PROPERTY | RESULTS | TEST METHOD |
|--|---|----------------------|
| Durability | 50% 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 |
| Low Temp. Flexibility | Pass (-5° F / 20° C) | ASTM C793 |
| Adhesion-in-peel Passing Substrates | See "ADHERES TO" section | ASTM C794 |
| Tack-free | Less than 30 minutes | |
| Perm Rating | 0.011 perms | ASTM E96 (1/4" bead) |

SPECIFICATIONS:

- Meets ASTM C920 Class 50 requirements.**

**ASTM C793 tested at -5°F/-20°C

- Meets FHA requirements.

- Class 1 Vapor Barrier (at 1/4" bead)

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

* All reported test data is for Lexel clear cartridge

1 Clear Cartridge sold in all 50 US states and Canada.

2 Clear Squeeze Tube not for sale in California. Clear Squeeze Tube Lower VOC required in California.

3 All White products not for sale in California.

4 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.

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

Kynar® and Duxbak® are registered trademarks of their respective owners.

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

14802 Grant St. Thornton, CO 80023

800-767-5656 • www.sashco.com

Made in the USA



FOLLOW US ON SOCIAL MEDIA

@sashcoinc @sashcologhomes



0325 LXLDATATEC