Lexel is Better than Silicone

All purpose: Lexel is a co-polymer rubber-based sealant. It has excellent adhesion to a wide variety of materials, even after seven days of water immersion. Although it’s tougher and resists tearing, Lexel is a soft rubber. This allows it to stretch and compress with joint movement.

Clarity: Up to 19 times clearer than silicone.

Paintable: Paintable with latex and oil-based paints.

Tougher than silicone: You can scrub Lexel with cleansers and scouring pads.

Won’t “zipper” like silicone: Lexel won’t tear out of a joint.

Lower modulus than silicones: Lexel will not rip apart the substrate when the joint expands.

Repairs better than silicone: Lexel sticks to itself so you can repair it by applying new Lexel on top of the old.

Can be applied to wet and dry surfaces: Lexel sticks to almost anything — wet or dry!

Use Lexel Indoors & Outdoors

In the Kitchen and Bathroom
Lexel seals beautifully while resisting mildew and dust collection. Once cured, it withstands scrubbing with abrasive household cleaners.

Wallpaper
Lexel used over wallpaper edges prevents curling and is an excellent use of its ultraclear formula.

Trim
Clear Lexel may be used where you desire the surfaces to show through. This is especially helpful when natural woods are sealed, such as around molding or parquet flooring.

Around Windows and Doors
Lexel keeps the weather outside. It seals thresholds, sills, siding, vents, pipes and air conditioners.

On the Roof
Lexel holds its seal through rain, snow, sun and wind. Use it on your eaves, soffits, gutters, downspouts, flashing and shingles.

Ductwork and HVAC
Leaky airducts heat up the walls instead of your living area. Use Lexel to permanently seal all connections.

Interior/Exterior:
- wallpaper • trim • countertop • backsplash • tubs • tile
- thresholds sills • windows • doors • siding • eaves • roof tiles
- rooftop fixtures • shingles • vents • ductwork HVAC • gutters
- flashing • cables • skylights

Adheres to:
- acrylic • copper • most plastics • polycarbonate
- polystyrene (except foam) • aluminum • chrome • nylon
- fiberglass • steel • PVC • ABS • asphalt • wood • Formica
- Lexan tile • Plexiglas • masonry • metal • glass • vinyl • canvas • paint
- concrete brick • fiber-cement • porcelain
- parquet • terra-cotta • and more!

Lexel firmly bonds to almost any surface.

Surface Preparation
Surfaces should be structurally sound and free of dirt, oil, release agents or other residue. Old latex or oil-based caulk can be softened for scraping with heat gun. Surfaces below freezing should be free of frost. Large beads applied in warm weather (above 95°F) may exhibit slight bubbling. This is due to the solvents trying to escape too quickly through the surface of the skin.

Application
Make sure the room is well ventilated if using Lexel indoors. Cut the nozzle at a 45° angle. Puncture the inner seal with a 4” nail. Before caulking, squeeze out a little on a piece of paper to get the feel of the flow. When applying, hold the caulk gun so that the 45° angle cut in the spout is parallel to the surface to be caulked. This is critical. If the gun angle is too high, the nozzle actually scrapes caulk out of the joint as it is supplied and flares it out to the side. If the angle is too low, you get a lumpy bead that skips areas. Pull the cartridge along the joint rather than push it. (See illustration). If you get some irregularity in the bead, dip your finger into clean, soapy water. Let your finger float lightly over the lumps to smooth the bead out.

Easy Application!

Pulling the bead toward you and keeping the 45° angle cut in the spout parallel to the surface to be caulked, insures a smooth job, even on rough surfaces.

Apply and Works in any Temperature
Lexel can be applied in a wide variety of temperatures from 0°F to 120°F. And it maintains its seal in an even wider temperature range from -30°F to 200°F. To ease gunking in cold weather, keep Lexel warm until use. (Note: application to hot surfaces may cause bubbling.)

Storing Lexel
When you’re finished with your caulking job, wrap Saran Wrap® or Reynolds’ Wrap® around the entire nozzle. (Note: Some brands of plastic wrap are made of polyethylene. These plastic wraps will not keep Lexel from curing in the nozzle. Saran® works best.)

Clean-up & Cure Time - Lexel is solvent based and cures by solvent evaporation
Lexel can be cleaned from tools and hands using orange-based cleaners, mineral spirits or paint thinner. Lexel develops a dirt resistive skin just minutes after application, tack-free in 30 minutes and cures firm in 2-4 days. Complete cure in 1-2 weeks. Actual cure depends on bead size and temperature.

Painting Lexel
Allow Lexel to cure 24-48 hours before painting with latex paints. Allow double cure time in temperatures less than 40°F. Lexel must cure 30 days before applying oil-based paints; otherwise the paint surface will remain tacky for 2 weeks or more, depending on temperature and paint brand.

Limited Lifetime Warranty
If used as directed within one year of purchase, Sashco Sealants warrants if at any time you are not satisfied with Lexel, the return the cartridge or proof of purchase for a refund or product replacement. Warranty applies to residential use only.

Repair
Repair of previously applied material may be done at any time. New Lexel will actually weld itself to the previously used Lexel.

Caution - Flammable
Contains toluene and other petroleum distillates. Sealant will burn. Vapors may ignite explosively for a period of 24 hours after application. Keep away from heat, open flame and chimney embers. Do not smoke near application. Turn off pilot lights and other ignition sources. Do not use electrical devices such as switches, motors, etc. Avoid using metal tools or objects as they could cause sparks. Use only in a well ventilated area.

Keep Out of Reach of Children
WARNING: This product contains a material that is reported by the State of California to cause birth defects or reproductive harm.

Bead Size
Vertical bead size should not exceed 1/2”; horizontal should not exceed 3/4”.

Lexel’s handy gauge printed on the side lets you determine how many “caulking feet” of Lexel remain.

Clean-up & Cure Time - Lexel is solvent based and cures by solvent evaporation
Lexel can be cleaned from tools and hands using orange-based cleaners, mineral spirits or paint thinner. Lexel develops a dirt resistive skin just minutes after application, tack-free in 30 minutes and cures firm in 2-4 days. Complete cure in 1-2 weeks. Actual cure depends on bead size and temperature.

Painting Lexel
Allow Lexel to cure 24-48 hours before painting with latex paints. Allow double cure time in temperatures less than 40°F. Lexel must cure 30 days before applying oil-based paints; otherwise the paint surface will remain tacky for 2 weeks or more, depending on temperature and paint brand.

Limited Lifetime Warranty
If used as directed within one year of purchase, Sashco Sealants warrants if at any time you are not satisfied with Lexel, the return the cartridge or proof of purchase for a refund or product replacement. Warranty applies to residential use only.

Repair
Repair of previously applied material may be done at any time. New Lexel will actually weld itself to the previously used Lexel.

Caution - Flammable
Contains toluene and other petroleum distillates. Sealant will burn. Vapors may ignite explosively for a period of 24 hours after application. Keep away from heat, open flame and chimney embers. Do not smoke near application. Turn off pilot lights and other ignition sources. Do not use electrical devices such as switches, motors, etc. Avoid using metal tools or objects as they could cause sparks. Use only in a well ventilated area.

Keep Out of Reach of Children
WARNING: This product contains a material that is reported by the State of California to cause birth defects or reproductive harm.

Bead Size
Vertical bead size should not exceed 1/2”; horizontal should not exceed 3/4”.
**Typical Properties**

(Not Specifications)

**Packaging/Colors**
10.5 oz. cartridges and 5 oz. squeeze tubes, clear and white

**Paintable**
After 24-48 hours cure at room temperature with latex paints. Allow 3-4 weeks cure time before applying oil-based paints.

**Application Range**

<table>
<thead>
<tr>
<th>Service Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°F to 120°F (surface temp.)</td>
</tr>
<tr>
<td>-30°F to 200°F</td>
</tr>
</tbody>
</table>

**Vapor Emissions**
Under normal use, 8%-16% of recommended limit values

**VOC**
10.5 oz. cartridges: 384 g/l (3.21 lbs/gal)
5 oz. squeeze tube: 395 g/l (3.3 lbs/gal)

**Radon Barrier**
Stops 94% of radon gas at significantly higher pressure and concentrations than found in homes.

**Clarity**
13 NTU clarity (turbidity) measurement in finished product before application

*Note: In the cartridge Lexel becomes more cloudy below freezing; then regains clarity at room temperature.*

**Cure Time**
Tack free in 30 min., cures firm: 2-4 days; complete cure: 1-2 wks.

**Toxicity**
No toxicity after cure

**Extrusion Rate**
80 g/min (1/8” orifice at 40 psi)
10.5 oz. cartridge grade

**Hardness, Shore A**
25 (30-day cure) 1-2 mm (Boeing Slump Jig, 30 min.)

**Tensile Properties**
@ 50% stretch Lexel has a 96% recovery in 1 minute
@ 100% stretch Lexel has a 96% recovery in 1 minute

**Toughness**
No additional tearing at 200% stretch (knife cut made in Lexel perpendicular to stretch)

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

---

**Where not to use Lexel**

Lexel should not be used in areas of continuous submersion (i.e., aquariums or swimming pools). Do not use Lexel in areas where temperatures exceed 200°F. Lexel may damage some plastics, such as polystyrene foam insulation. Plastics not listed should be tested for Lexel compatibility before general application. Not for use in containment applications.

---

*Limited Lifetime Warranty*
If you are dissatisfied at any time with the performance of Lexel®, return proof of purchase for refund or product replacement. Warranty applies to residential use only.

---

**Peel adhesion data in pounds per linear inch (pli) at 180°**
The higher the number, the better the adhesion. Standard specs require a minimum of 5 lbs. per linear inch.

<table>
<thead>
<tr>
<th>Metals</th>
<th>Dry Peel* lbs. of pull</th>
<th>Wet Peel* lbs. of pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>53+</td>
<td>20</td>
</tr>
<tr>
<td>Brass</td>
<td>38+</td>
<td>42+</td>
</tr>
<tr>
<td>Copper</td>
<td>43+</td>
<td>38+</td>
</tr>
<tr>
<td>Steel, cold rolled</td>
<td>42</td>
<td>34+</td>
</tr>
<tr>
<td>Steel, galvanized</td>
<td>18</td>
<td>17</td>
</tr>
<tr>
<td>Steel, stainless</td>
<td>19</td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plastics</th>
<th>Dry Peel* lbs. of pull</th>
<th>Wet Peel* lbs. of pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS</td>
<td>26</td>
<td>38+</td>
</tr>
<tr>
<td>Acrylic sheet</td>
<td>45+</td>
<td>41+</td>
</tr>
<tr>
<td>Fiberglass, textured</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>Fiberglass, smooth</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Nylon</td>
<td>23</td>
<td>13</td>
</tr>
<tr>
<td>Polycarbonate</td>
<td>45+</td>
<td>32+</td>
</tr>
<tr>
<td>Vinyl, flexible</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>Vinyl, rigid</td>
<td>23</td>
<td>22</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Woods</th>
<th>Dry Peel* lbs. of pull</th>
<th>Wet Peel* lbs. of pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birch</td>
<td>22</td>
<td>13</td>
</tr>
<tr>
<td>Cedar</td>
<td>14</td>
<td>11</td>
</tr>
<tr>
<td>Ebony</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Oak</td>
<td>25</td>
<td>16</td>
</tr>
<tr>
<td>Pine</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td>Redwood</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>Teak</td>
<td>10</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Surfaces</th>
<th>Dry Peel* lbs. of pull</th>
<th>Wet Peel* lbs. of pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brick</td>
<td>24</td>
<td>21</td>
</tr>
<tr>
<td>Ceramic tile, glazed</td>
<td>40+</td>
<td>36+</td>
</tr>
<tr>
<td>Corian¹</td>
<td>25</td>
<td>20</td>
</tr>
<tr>
<td>Concrete</td>
<td>42</td>
<td>34</td>
</tr>
<tr>
<td>Formica</td>
<td>20</td>
<td>6</td>
</tr>
<tr>
<td>Glass</td>
<td>23</td>
<td>13</td>
</tr>
</tbody>
</table>

*¹Dry peel is performed after 1 months cure. Wet peel is performed immediately after 1 months cure followed by 7 days water immersion.

1 Corian is a registered trademark of E.I. DuPont De Nemours & Company, Inc.

+ Indicates failure of the wire mesh used to pull sample — actual adhesion values are higher than shown.

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

---

For additional application tips and information about other Sashco high performance products, visit www.sashco.com

---

*Made in USA* 1-800-289-7290 • www.sashco.com

---

**Typical Properties**

Where to use Lexel

---

Where to not use Lexel

---

For additional application tips and information about other Sashco high performance products, visit www.sashco.com

---

*Limited Lifetime Warranty*
If you are dissatisfied at any time with the performance of Lexel®, return proof of purchase for refund or product replacement. Warranty applies to residential use only.

---

1 Corian is a registered trademark of E.I. DuPont De Nemours & Company, Inc.

+ Indicates failure of the wire mesh used to pull sample — actual adhesion values are higher than shown.
**DESCRIPTION:**
Lexel is a co-polymer rubber sealant that is the superior alternative to silicone. It’s 19 times clearer than silicone, 400% more elastic than silicone and paintable. Lexel can be applied in joints up to 2” wide on both wet and dry surfaces.

**WHERE TO USE:**
In most any place you’d use silicone, including:
- Kitchens and bathrooms, including fixtures, countertops and backsplashes
- On wallpaper edges to prevent curling
- Around trim, windows, doors, thresholds, sills, siding, vents, pipes and air conditioners
- Around leaky duct work

**ADHERES TO:** (all conform to ASTM C-794)
Most building materials including:

<table>
<thead>
<tr>
<th>Metals</th>
<th>Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>ABS</td>
</tr>
<tr>
<td>Copper</td>
<td>Vinyl</td>
</tr>
<tr>
<td>Brass</td>
<td>Fiberglass</td>
</tr>
<tr>
<td>Silver</td>
<td>Acrylic Sheet</td>
</tr>
<tr>
<td>Steel</td>
<td>Lexan®</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
</tr>
<tr>
<td></td>
<td>Polycarbonate</td>
</tr>
</tbody>
</table>

**OTHER SURFACES**
- Asphalt
- Concrete
- Glass
- Wood
- Corian®
- Fiber
- Mortar
- Thinset
- Ceramic Tile
- Stone
- Drywall
- Stucco
- EIFS
- Wood
- Bond
- Fiber Cement
- Alkyd Stain
- Cloth/Canvas
- Porcelain

**COLORS:**
- Clear
- White (White not available in CA)

**PACKAGING:**
- 10.5 oz. plastic cartridges
- 5 oz. squeeze tubes

**COVERAGE:**
A 10.5 oz. cartridge will yield approx. 26 lineal feet with a 1/4” (6 mm) bead.

**PAINTABILITY:**
With latex paint/stain after 24-48 hours or oil-based paint/stain after 3-4 weeks

*Corian®, Lexan® and Formica® are registered trademarks of their respective owners.

**FEATURES**
- 19 times clearer than silicone
- Super elastic with strong adhesion, won’t tear, crack or pull away
- Paintable
- Water & mildew-resistant
- Won’t freeze
- Use on wet or dry surfaces
- Tough & easily cleaned
- Limited Lifetime Warranty
- Exclusive stop flow plunger
- High durability
- Full 10.5 oz. in every cartridge

**BENEFITS**
- No cloudiness or ugly caulk lines
- Eliminates costly call backs
- Unlike silicone, paint sticks with no separation
- Use indoors or outdoors
- No wasted caulk in cold weather
- Apply in most any weather
- Clean with abrasive cleaners with no damage
- Have confidence that you’re using the right product
- Less waste, less mess
- Performs well in most any type of climate
- More for your money
WHERE NOT TO USE:
- Areas of submersion where there is animal life (i.e. aquariums)
- With polystyrene insulation
- Containment applications
- Plastics not listed should be tested for compatibility before use
- Will not adhere to or is incompatible with Aquaseal®, cultured marble, Kynar®, polypropylene, polystyrene foam insulation, polyethylene, rubber, silicone, styrofoam (it dissolves it), Teflon®, vulcanized rubber, waxes

APPLICATION:
- 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 silicone remover such as McKanica® Silicone Caulk Remover.

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.

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.

WARNING: This product contains a material that is reported by the State of California to cause birth defects or reproductive harm.

TYPICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint Size</td>
<td>Maximum 2”</td>
</tr>
<tr>
<td>Clarity (NTU)</td>
<td>&lt; 13</td>
</tr>
<tr>
<td>Radon Barrier</td>
<td>Stops 94%</td>
</tr>
<tr>
<td>Application Range</td>
<td>0°F to 120°F (-18°C to 49°C) surface temperature</td>
</tr>
<tr>
<td>Service Range</td>
<td>-30°F to 200°F (-34°C to 93°C)</td>
</tr>
<tr>
<td>Freeze-Thaw Stability</td>
<td>Won’t freeze</td>
</tr>
<tr>
<td>Tensile Properties</td>
<td>Recovery at 50% stretch: 96% in 1 min</td>
</tr>
<tr>
<td></td>
<td>Recovery at 100% stretch: 96% in 1 min</td>
</tr>
<tr>
<td>VOC</td>
<td>Clear &amp; White: 384 – 395 g/L (Clear is VOC exempt in all 50 states and Canada) Low VOC White: 40.7 g/L, &lt; 4% by weight</td>
</tr>
</tbody>
</table>

TEST DATA:

<table>
<thead>
<tr>
<th>Property</th>
<th>Results</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durability</td>
<td>25% total joint movement (10 cycles @ -15°F (-26°C))</td>
<td>ASTM C-719</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td>25 (21-day cure)</td>
<td>ASTM C-661</td>
</tr>
<tr>
<td>Slump</td>
<td>&lt; 1/8”</td>
<td>ASTM D-2202</td>
</tr>
<tr>
<td>Solids</td>
<td>55.9% by weight</td>
<td>ASTM C-1250</td>
</tr>
<tr>
<td>Extrusion Rate</td>
<td>80 g/min (1/8” orifice at 40 psi)</td>
<td>ASTM C-603</td>
</tr>
<tr>
<td>Cured</td>
<td>1 week (dependent on temperature, humidity and bead size/thickness)</td>
<td>ASTM C-679</td>
</tr>
<tr>
<td>Tack-free</td>
<td>Less than 30 minutes</td>
<td>ASTM C-679</td>
</tr>
<tr>
<td>Low Temp. Flexibility</td>
<td>Pass (not artificially weathered)</td>
<td>ASTM C-734</td>
</tr>
<tr>
<td>Adhesion-in-peel Passing Substrates</td>
<td>See “ADHERES TO” section on front page</td>
<td>ASTM C-794</td>
</tr>
</tbody>
</table>

SPECIFICATIONS:
- Meets FHA requirements.

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

* Aquaseal®, Teflon®, Kynar® and McKanica® are registered trademarks of their respective owners.

Caution: Flammable
Contains toluene and other petroleum distillates. Sealant will burn. Vapors may ignite explosively for a period of 24 hours after application. Keep away from heat, open flame and chimney embers. Do not smoke near application. Turn off pilot lights and other ignition sources. Do not use electrical devices such as switches, motors, etc. Avoid using metal tools or objects as they could cause sparks. Use only in well ventilated areas.

Keep Out of Reach of Children

Limited Lifetime Warranty: Sashco warrants this product will substantially meet published specifications on the date of sale. If it fails to do so, return unused portion with original sales receipt for replacement or refund, at Sashco’s sole option. These are purchaser’s sole and exclusive remedies for any breach of warranty. Purchaser must determine suitability of product for purchaser’s specific needs and assumes all risk associated with its use.

Except as stated above there are no warranties for this product. The foregoing express warranty is in lieu of all other warranties, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose, which warranties are specifically excluded and disclaimed. This Limited Warranty gives you specific legal rights. You may have other rights which vary from state to state. Some states do not allow exclusion of implied warranties in consumer or other sales, limitations on the duration of implied warranties, or exclusion or limitation of incidental or consequential damages. Thus, the limitations or exclusions contained above may not apply to you depending upon your specific circumstances.

Visit www.sashco.com for information on other Sashco high performance products.