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.

19 times clearer than silicone.

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.

Actual test of red acrylic paint on white Lexel.

Won't "zipper" like silicone: Lexel won't tear out of a joint.

Lower modulus than some 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

Bathrooms

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 ultra-clear formula.

Trim

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.

Roofs

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

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

Lexel firmly bonds to almost any surface.

Interior/Exterior:

wallpaper • trim• countertops • backsplashes • 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!

Easy Application!

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.

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.

Applies 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 gunning 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 Reynold's 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.)*

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, 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".

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.

Metals	Dry Peel* lbs. of pull	Wet Peel* lbs. of pull
Aluminum	53+	20
Brass	38+	42+
Copper	43+	38+
Steel, cold rolled	42	34+
Steel, galvanized	18	17
Steel, stainless	19	18
Plastics		
ABS	26	38+
Acrylic sheet	45+	41+
Fiberglass, textured	21	18
Fiberglass, smooth	20	20
Nylon	23	13
Polycarbonate	45+	32+
Vinyl, flexible	16	20
Vinyl, rigid	23	22
Woods		
Birch	22	13
Cedar	14	11
Ebony	14	16
Oak	25	16
Pine	24	20
Redwood	13	10
Teak	10	12
Other Surfaces		
Brick	24	21
Ceramic tile, glazed	40+	36+
Corian[1]	25	20
Concrete	42	34
Formica	20	6
Glass	23	13

*Dry 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.

Where not to use Lexel

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.

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
0˚F to 120˚F (surface temp.)

Service Range
-30˚F to 200˚F

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)

Slump
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)

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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.

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