

# Big Stretch®

Won't Crack... "It Just Stretches"

**DESCRIPTION:**

Big Stretch® is a 100% acrylic high-performance water-based elastomeric sealant with powerful adhesion and superior elasticity. It spans gaps up to 2" wide and stretches up to 500% of original joint size without cracking. Big Stretch won't crack...it just stretches.

**WHERE TO USE:**

Interior and exterior applications, including:

- Windows
- Doors
- Siding
- Vents
- Soffits
- Baseboards
- Eaves
- Crown Molding
- Sound-proofing interior walls

**ADHERES TO:** (all conform to ASTM C-794)

Most building materials including:

**Metals**

- Aluminum
- Brass
- Steel
- Anodized Windows

**Plastics**

- ABS
- Plexiglass
- Urethane
- Polystyrene
- Lexan®\*
- PVC
- Vinyl
- Nylon
- Acrylic Sheet
- Fiberglass
- Polycarbonate

**Other Surfaces**

- Asphalt
- Corian1®\*
- Glass
- Stucco
- Stone
- Drywall
- Tile
- Wood
- Mortar
- Brick
- EIFS
- Cinder Block
- Formica®\*
- Hot melt Butyl
- Concrete
- Fiber Cement

**COLORS:**

- White
- Redwood
- Woodtone
- Dark Brown
- Pine Green
- Limestone
- Almond
- Tan
- Gray
- Clear
- Black
- Ironstone
- Slate Gray

Visit [www.sashco.com](http://www.sashco.com) for a color compatibility chart that matches Big Stretch colors to various vinyl window manufacturers' colors.

**PACKAGING:**

- 10.5 oz. plastic cartridges
- 29 oz. fiber cartridges (white only)

**COVERAGE:**

A 10.5 oz. cartridge will yield approx. 26 lineal feet with a ¼" (6 mm) bead.

**PAINTABILITY:**

Paintable with exterior latex paints/stains after 4 hours and interior latex paints/stains after 24-48 hours (more for humid conditions). Paintable with most exterior oil-based paints/stains after 1 week. Note: some low-end, flat latex paints may crack, regardless of cure time.

\* Corian1®, Lexan®, and Formica® are registered trademarks of their respective owners.

**FEATURES**

- Super elastic, moves instead of tears
- Spans gaps up to 2" wide with no slump
- Powerful adhesion
- High durability
- Water-based
- Low VOC

**BENEFITS**

- Eliminates costly call backs
- Stays where it's applied
- Won't tear or pull away
- Performs well in most any type of climate
- Easy to tool and clean up
- Meets strictest VOC requirements; environmentally friendly
- Compatible with latex paint and most oil-based paints, sealers and stains
- Simply thaw & apply, no wasted product
- Have confidence that you're using the right product
- More for your money
- No more shiny caulk lines
- Less waste, less mess



## WHERE NOT TO USE:

- Areas of water submersion or frequent, prolonged puddling
- Areas with high foot and/or vehicle traffic (driveways, sidewalks, decks, patios, etc.)
- Roofs exposed to prolonged dampness (use Sashco's Through the Roof!® instead)
- Big Stretch **Clear** should not be used on copper flashing. *Colored Big Stretch, Sashco's Lexel® or Sashco's Through the Roof! are best for this application.*
- Will not adhere to or is incompatible with Kynar®, Polypropylene, Waxes, Polyethylene, Teflon®, and Silicone.

## APPLICATION:

- Lower temperatures and higher humidity will slow cure time. Allow 1-3 days curing before exposure to direct rainfall. Use plastic sheeting with good airflow underneath to protect the product if rain is expected sooner.
- Natural shrinkage will give the joint 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 and all silicone residue. Use a silicone remover such as McKanica® Silicone Caulk Remover.
- Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal.
- Choose bead size and cut the nozzle. Puncture the inner seal.
- Gun Big Stretch into the joint.
- Tool for a smoother bead using a damp foam or paint brush with a light, skimming touch, or use a beading tool.

## STORAGE AND CLEAN UP:

- Clean up tools and hands with warm water and soap.
- Leftover Big Stretch can be stored if the nozzle is tightly wrapped with plastic wrap and a rubber band.

## TYPICAL PROPERTIES:

Property	Value
Joint Size	Maximum 2"
Application Range	40°F to 120°F (4°C to 49°C) surface temperature
Service Range	-30°F to 250°F (-34°C to 121°C)
Tensile Properties	Recovery at 50% stretch: 100% in 3 minutes Recovery at 100% stretch: 96% in 5 minutes
VOC	59.8 g/L < 1.5% by weight

## TEST DATA:

Property	Results	Test Method
Durability	25% total joint movement (10 cycles @ -15°F (-26°C))	ASTM C-719
Hardness, Shore A	32 (21-day cure)	ASTM C-661
Slump	< 1/8"	ASTM D-2202
Solids	• 83.8% by weight (pigmented) • 61.2% by weight (clear)	ASTM C-1250
Extrusion Rate	750 g/min (1/8" orifice at 40 psi)	ASTM C-603
Freeze-Thaw Stability	Passes 10 cycles 0°F to 70°F (-18°C to 21°C)	ASTM C-731
Low Temp. Flexibility	Pass (not artificially weathered)	ASTM C-734
Tack-free	Less than 30 minutes	ASTM C-679
Cured	4-5 days (dependent on temperature, humidity and bead size)	ASTM C-679
Adhesion-in-peel Passing Substrates	See "ADHERES TO" section on front page	ASTM C-794

## SPECIFICATIONS:

- Meets FHA requirements.
- Meets or exceeds Federal Specification:
  - TT-S-00230 C
  - ASTM C-834
  - ASTM C-920, Type S, NS, Class 25, Use NT, M, A. Exceeds 10% weight loss.

The data reported here are believed to be reliable.

No warranty is made concerning the accuracy of or the results obtained from their use.

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



www.sashco.com  
1-800-289-7290

10300 E. 107th Pl., Brighton, CO 80601  
Made in the USA

**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.

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