

# Big Stretch®

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

### DESCRIPTION:

Big Stretch® is a 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 Moulding
- Sound-proofing interior walls

### ADHERES TO: (all conform to ASTM C794)

Most building materials including:

#### Metals

- Aluminum
- Brass
- Steel
- Anodized Windows

#### Plastics

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

#### Other Surfaces

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

### 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 1/4" (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.

\* Corian®, 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

- Superb paintability

- Freeze-thaw stable
- Limited Lifetime Warranty

- Full 10.5 oz. in every cartridge
- Won't cause paint gloss
- Exclusive stop flow plunger



#### 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!<sup>®</sup> instead)
- Big Stretch Clear should not be used on copper flashing. Colored Big Stretch, Sashco's Lexel<sup>®</sup> or Sashco's Through the Roof!<sup>®</sup> are best for this application.
- Will not adhere to or is incompatible with Kynar<sup>®</sup>\*, Polypropylene, Waxes, Polyethylene, 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.
- 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.



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#### 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 C719
Hardness, Shore A	32 (21-day cure)	ASTM C661
Slump	< 1/8"	ASTM D2202
Solids	83.8% by weight (pigmented) 61.2% by weight (clear)	ASTM C1250
Extrusion Rate	750 g/min (1/8" orifice at 40 psi)	ASTM C603
Freeze-Thaw Stability	Passes 10 cycles 0°F to 70°F (-18°C to 21°C)	ASTM C731
Low Temp. Flexibility	Pass (not artificially weathered)	ASTM C734
Tack-free	Less than 30 minutes	ASTM C679
Cured	4-5 days (dependent on temperature, humidity and bead size)	ASTM C679
Adhesion-in-peel Passing Substrates	See "ADHERES TO" section on front page	ASTM C794

#### SPECIFICATIONS:

- Meets FHA requirements.
- Meets or exceeds Federal Specification:
  - TT-S-00230 C
  - ASTM C834
  - ASTM C920, 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.

\* Kynar<sup>®</sup> is a registered trademark of its respective owner.

**CAUTION:** Avoid contact with eyes and skin. Do not swallow. In case of eye or skin contact, flush thoroughly with water. If irritation persists contact a physician. If swallowed administer two glasses of water and contact a physician immediately.  
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. Sashco will not be liable for direct or indirect damages.

For a detailed description of the warranty & exclusions visit [www.sashco.com](http://www.sashco.com).