



Technical Bulletin

SPEC-PRO FLEX50 **100% Acrylic Siliconized Caulk**

- **Excellent Adhesion & Durability**
- **Exceptional Tooling**
- **Interior/Exterior Use**
- **Paintable**
- **Low VOC**

Manufactured for:
Spectrum Paint
15247 E. Skelly Dr.
Tulsa, OK 74116
Phone: 918-398-2188
www.spectrumpaint.com

Product Description:

SPEC-PRO FLEX50 is a 100% acrylic siliconized caulk for use on a wide variety of surfaces, delivering excellent adhesion and durability. **SPEC-PRO FLEX50** forms a flexible, durable, airtight, water resistant seal. Once cured the bead is mildew resistant and exceeds ASTM C-834 Type OP, Grade -18° C. It is low odor, easy to apply and is soap and water cleanup.

Performance Characteristics:

- **Meets ASTM C-834, Type OP, Grade -18°C.**
- **Up to 1/2" in properly designed joints**
- **50 year guarantee.**
- **Provides a flexible durable seal.**
- **Interior / Exterior**

Suggested Applications:

Windows	Trim	Penetrations
Doors	Flashings	
Counters	Siding	

Suggested Substrates:

Masonry	Ceramic Tile	Wood
Concrete	Glass	Metal
Brick		

Surface Preparation:

- Surface must be dry and free of dirt, dust, oil, mildew, loose paint, old caulk or other contaminants.
- Only apply when sealant surface and air temperature are above 40°F and rising.
- Do not apply on surfaces above 120° F or when rain is expected.

Application:

- Cut nozzle at a 45° angle.
- Cured bead should be between 1/8" and 1/2" wide. Use a backer rod for gaps greater than 1/2" deep.
- Tool or smooth bead within 5 to 10 minutes, depending on climatic conditions.
- Depending on climatic conditions, allow 4 to 6 curing time prior to painting.
- Caulk maybe removed and tools cleaned prior to curing with soap and water.
- Test paint for compatibility.



SPEC-PRO FLEX50

Physical & Chemical Characteristics:

Vehicle:	100% Modified Acrylic Emulsion Polymer / Siliconized
Non-chemically Curing Sealant	
VOC Less exempt solvents:	< 1.5%
Pigment:	Calcium Carbonate
Solids:	Approximately 82.5%
Weight per Gallon:	14.0 ± 0.5
Specific Gravity:	Approximately 1.65
Service Temperature:	-35°F to 180°F
Temperature Application Range:	40°F and rising. Air temp no hotter than 95° and substrate not hotter than 120°F
Freeze Thaw Stability:	Passes 5 Cycles@ 0°F (1 cycle = 16hrs. @ 0°F, 8hrs at 75°F)
Flash Point:	None
Consistency:	15 to 25 G/S @ 75°F (SEMCO gun at 50psi)
Applications:	Interior / Exterior
Life Expectancy:	50 year performance
Shelf Life:	24 months when stored at 50°F to 80°F
Coverage: 10.1 fl oz:	55 linear ft. at a 3/16" bead
Odor:	Mild Sweet Acrylic
Tooling Time:	10 to 15 Minutes
Tack Free Time:	45 Minutes
Paint Over Time:	4 to 6 hours
Full Cure:	7-14 Days

Notes:

Curing, tooling and tack free time were tested @ 75°F 50%RH. A 1/2" by 1/2" by 1/2" wood joint. Differences in environmental conditions, joint size, and substrate will cause significant differences in these times. For best results, tool immediately after application in order to ensure the best possible adhesion and a smooth finished surface.

Full cure of this water-based sealant should occur 7-14 days after application.

Clean up:

- Clean up hands and tools with soap and water.
- Clean up excess caulk with a damp cloth.

Safety:

- See Material Safety Data Sheet for safety information or product label.
- To request a Material Safety Data Sheet call 918-398-2188

Packaging:	10.1 fl oz. (299 ml)
Color:	White
Item:	ST-00102
UPC:	8 43034 00102 1