



Bosti-Flex™ Plus

MULTI-PURPOSE SILICONIZED ACRYLIC SEALANT

KEY FEATURES

- Excellent adhesion for strong bonds
- High elasticity for flexible joints
- Mold and mildew resistant

DESCRIPTION

Bostik Bosti-Flex™ Plus is a high performance siliconized acrylic latex sealant with excellent adhesion to most building materials and common household surfaces. Bosti-Flex™ Plus complements multiple Bostik grout colors and is paintable with latex or oil based paints.

Bosti-Flex™ Plus has been developed for sealant applications including: windows, door frames, sinks, tubs, shower surrounds, countertops and bonding applications for wood trim, ceramic tile and natural stone.

PRODUCT FEATURES

- Interior/exterior use
- Easy to apply and clean
- Excellent adhesion and elasticity for flexible joints
- Zero VOC
- Paintable after 1-2 hours
- Tools to a smooth finish
- Mold and mildew resistant
- Non-flammable and non-hazardous
- Complements multiple Bostik grout colors

APPLICABLE STANDARDS

Bosti-Flex™ Plus meets or exceeds the standard specification for elastomeric joint sealants ASTM C920-10, Class 25, Type S, Grade NS. Meets or exceeds the standard specification for latex sealants ASTM C-834-10, Type OP, Grade -18°C. Meets the requirements of AAMA 803.3-10.

APPLICATIONS

Bosti-Flex™ Plus can easily be applied with conventional hand or air-powered caulking equipment. The sealant should be applied in a continuous operation with adequate pressure to fill the joint to the proper width and depth (do not overfill the joint).



DIRECTIONS FOR USE

- Do not apply if rain or freezing conditions are expected.
- Apply when sealant and surface temperatures are between 40°F to 90°F (4°C to 32°C).
- Cut spout to desired bead size. (3/8" recommended)
- Surfaces must be clean, dry, dust and dirt free.
- Gun sealant into void to provide a solid fill.
- Smooth using a dry tool or a slightly wet spatula if necessary.
- Can be painted over with latex or water-based paints after 1-2 hours providing a skin has been formed. For oil based paints, allow 24 hours before painting.
- Clean up excess material and tools with soap and water before curing.

JOINT DIMENSIONS

Joint size should not exceed 1/2" wide x 1/2" deep. If depth exceeds 1/2", use backer rod.

JOINT BACKING BOND BREAKER

Joint backing should be used to control the recommended joint depth and prevent 3-sided adhesion. Joint backing may be open cell polyurethane foam or closed cell polyurethane. Joint backing must be thoroughly dry. Where joint design or depth will prevent the use of joint backing, an approved adhesive backed polyurethane bond breaker tape must be installed to prevent 3-sided adhesion. Do not install more joint backing or bond breaker tape than can be caulked in one day.

TOOLING

Dry tool the sealant with light pressure immediately after application to ensure positive and complete contact of the sealant to the joint interface. May use a slightly wet spatula if necessary.

COVERAGE

Coverage will vary depending upon joint size. Approximate coverage for 10.1 fl.oz. (298 ml) cartridge covers 24 linear feet with a 1/4" bead and 11 linear feet with a 3/8" bead.

APPROXIMATE COVERAGE CHART				
Coverage for 10.1 fl. oz. (298 ml) Cartridge				
Depth	Width			
	1/8"	1/4"	3/8"	1/2"
1/8"	99	49	33	24
1/4"		24	20	12
3/8"			11	8
1/2"				6

Linear Feet per 10.1 fl. oz. Cartridge

MASKING

Should masking be required, it is recommended the masking tape be removed immediately after tooling, before the sealant skins.

LEED® CONTRIBUTION

This 0 VOC formulation (as calculated per SCAQMD Rule 1168), may contribute toward LEED® credits under section EQ 4.1: Low-Emitting Materials—Adhesives & Sealants.

CLEAN UP

Clean equipment and tools immediately with soap and water.

STORAGE/SHELF LIFE

Product shelf life is 12 months under normal storage conditions between 40°F (4°C) and 80°F (27°C). Temperatures that are below 40°F (4°C) may result in freezing. Store in cool, dry, frost-free conditions.

LIMITATIONS

- Not recommended for outside applications when rain or freezing conditions are imminent.
- Remove all residual sealant or adhesives from joints.
- Not for applications below 40°F (4°C).
- Do not use with plastic substrates without prior approval from Bostik.
- Keep from freezing - store at room temperature.

PACKAGING

Available in 10.1 fl oz (300 mL) cartridges, 12 per case.

CAUTION

IRRITANT. MAY IRRITATE EYES, SKIN OR RESPIRATORY TRACT. CONTENTS MAY BE HARMFUL IF SWALLOWED OR INHALED. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well ventilated area or wear a mask. Wear protective clothing including gloves. Wash thoroughly after handling. Store in a cool, dry area. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

Contains acrylic polymer mixture, petroleum distillates, titanium dioxide and quartz silica. If in eyes or on skin, rinse well with water for at least 15 minutes. If on clothes, remove clothing. If inhaled, move person into fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

CHEMICAL & PHYSICAL PROPERTIES

Chemical Properties	Chemistry Type	Acrylic Polymer Mixture
	Adhesive Type	Sealant
Use Environments	New Construction	Yes
	Remodel	Yes
	Residential	Yes
	Offices/Light Commercial	Yes
	Heavy Commercial	Yes
	Offices	Yes
	Hospital	Yes
	Multifamily	Yes
	Highrise	Yes
	Exterior	Yes
	Wet Areas (non-submersible)	Yes
Substrates	Concrete	Yes
	Concrete Patch/SLU	Yes
	Gypsum Underlayment	Yes
	Plywood	Yes
	OSB	Yes
	Ceramic Tile	Yes
	Terrazzo	Yes
	Well-Bonded Vinyl	Yes
	Wood	Yes
	Stone	Yes
	Drywall	Yes
Application Properties	Brick	Yes
	Marble	Yes
	Ease of Gunning	Easy
	Ease of Clean, Wet	Easy
	Odor	Mild
	Open/Working Time**	15 min
	Color	Multiple
	Movement Accommodations	+/- 25%
	Density	1.44
	Application Temperature	40° F to 90° F (4° C to 32° C)
	Temperature Resistance	-30° F to 170° F (34° C to 77° C)
Cured Physical Properties	Full Cure Time	1-2 weeks
	Skinning Time	15mins @ 70° F (21° C)
	Shrinkage	Approx 30%
	Hardness	Shore A 68
LEED® Contribution	Paintability	With most paints
	EQ 4.1: Low-Emitting Materials: VOC (as calculated per SCAQMD Rule 1168)	0 g/L

** Per ASTM E203-01 Standard Test Method for water using Volumetric Karl Fischer Titration Method. Results rounded to the nearest tenth. Test Method has error range of +/- 0.2%.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA), 703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

BOSTIK HOTLINE

Smart help
1-800-726-7845

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