

INSEAL

Indiana Sealants & Adhesives

SC 737 Neutral Butyl Caulk

Description

SC 737 Butyl Sealant is a skinning sealant that has excellent slump resistance (< 1/8"), and is non-staining to common materials. SC 737 is recommended for heel, toe and cap beading; glazing; perimeter seals around doors, windows and masonry intersections; and for metal-to-metal panel seals. Not recommended for extended water immersion. Also recommended for complete channel bedding, framed openings and coping areas. SC 737 is formulated to meet Federal Specification TT-S-001657, Canadian Specification 19 GPN, AAMA 808.3, ASTM C-1085, and ASTM E1646.

DRUM PUMP APPLICATIONS: If you are dispensing SC 737 from a drum pump that requires lubrication of the follower plate, Drakeol 10 is the recommended oil. Drakeol 10 to be added in the smallest amounts possible to maintain good pump motion. The use of another lubricant, or excessive amounts of Drakeol 10, can cause severe product problems.

Product Benefits

- Does not harden or lose flexibility, adhesion, or cohesion after prolonged exposure to high or low temperatures and ultra-violet light.
- Excellent slump resistance (<1/8").
- Non-stringing application.
- Adheres to most surfaces. Adhesion to special finishes should be tested for suitability.

Physical Properties

Property	Value
Raw Material Base	Butyl Rubber
Color	White, Gray, Black, Bronze, and Neutral
Specific Gravity	1.60
Weight Per Gallon	13.4 lb./gal.
Solids By Weight	96.6 ± 2%
Elongation	150%
VOC Content	2.9%
Melt Flow Index Time, TMWB077, Castor Severs	40 - 70 seconds
Tack-Free Time (RT / 50% RH)	30 minutes max
Cure Time	14 days at 72°F (20°C)
Shelf Life	One Year
Application Temperature	40°F to 120°F (5°C to 50°C)
Service Temperature	-20°F to 175°F (-30°C to 80°C)
Weatherometer Exposure	250 Hours—no cracking or crazing
QUV Weather Resistance	No discoloration or crazing after 250 hours
Maximum Joint Movement Accommodation	10% total

Equipment Suggestions

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Standard caulking gun if packaged in cartridges.
 25:1 pump with follower plate if packaged in 5-gal.pails or 55-gal.drums.

Directions for Use

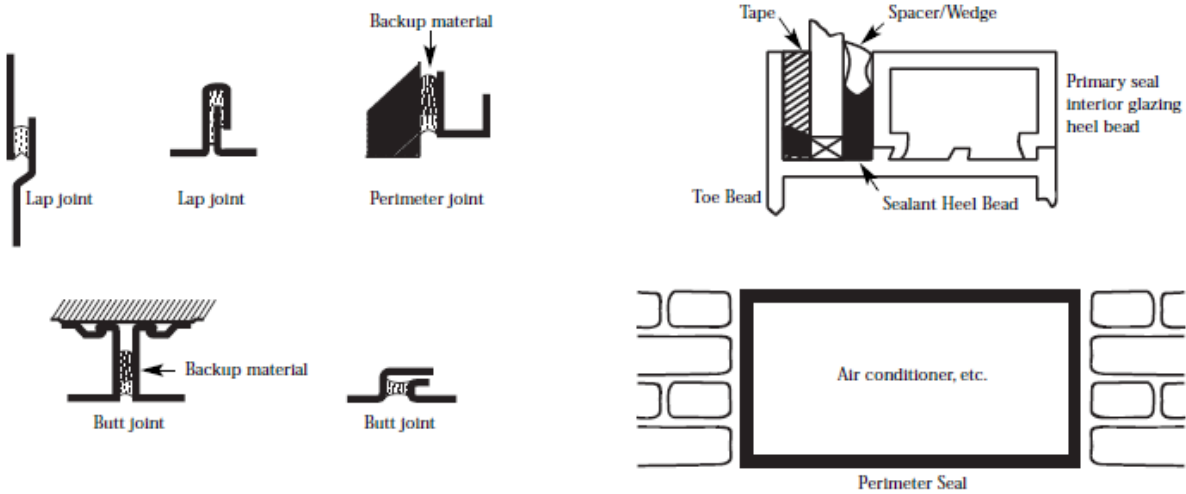
Preparatory work: Joints and sealing areas must be clean, dry, and free of residue. Protective coatings on glass and aluminum surfaces must be removed with suitable oil-free solvents such as mineral spirits or xylol. Masonry surfaces must be free of contamination. Backer rod should be used in deep openings to decrease depth to accepted limits: e.g. 1/4"-1/2". If the joint is too shallow for backer rod, apply bond breaker tape to the bottom of the joint to prevent three-sided adhesion.

Use standard cartridge gun or pail pump system to force fill joint by extrusion. Use approved tools dipped in water or mineral spirits for tooling extruded bead in order to insure full contact with sidewalls of joint. If masking is used, remove after tooling. Soapy water should not be used for tooling.

SC 737 may be reapplied upon itself at any time providing the existing surface is clean.

Working Joints

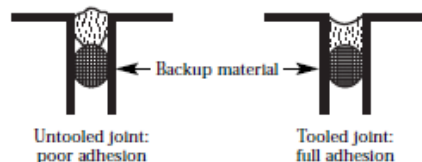
Joint depth = joint width to 1/2" max.



Non-working Joints



Importance of Tooling Joints



QUANTITY ESTIMATION: (Linear feet per gallon)							
Depth Joint	Width of Joint						
	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/4"	308	205	154	123	102	88	77
3/8"		135	102	82	68	58	51
1/2"			77	61	51	44	38
5/8"				49	41	35	30
3/4"					34	29	25
7/8"						25	22
1"							19

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Storage and Handling

The shelf life of this product is 1 (one) year when stored at 60 - 80°F in the original sealed container. If stored below 60°F, the product should be conditioned in its unopened container at room temperature for at least 24 hours before usage.

Safety Instructions

CAUTION: Combustible liquid and vapor. Keep away from heat, spark and open flame. Ensure industrial ventilation systems are on and functioning properly or use sufficient general dilution ventilation to keep vapor concentrations below recommended exposure limits. Empty containers may contain product residue or vapors - do not cut, drill or weld on or near this container.

Consult Material Safety Data Sheet for further information.

ORDERING INFORMATION

Inseal Order No.	Description	Color	Package Size*	Quantity/Case
SC0737 16 1124	SC 737 Butyl Sealant	Neutral	11-ounce cartridge	24 cartridges
SC0737 16 0500	SC 737 Butyl Sealant	Neutral	5 Gallon Pail	1 Pail
SC0737 16 5554	SC 737 Butyl Sealant	Neutral	55 Gallon Drum	1 Drum

*Other sizes available upon request. Please contact Indiana Sealants & Adhesives Customer Service for more information.

NOT INTENDED FOR CONSUMER USE. FOR INDUSTRIAL USE ONLY

Consult Material Safety Data Sheet for further information.

Indiana Sealant & Adhesives
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Elkhart IN 46514

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ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.