

# Butyl Mastic Joint Sealant

Direct from manufacturer

## For Use in Concrete Joints

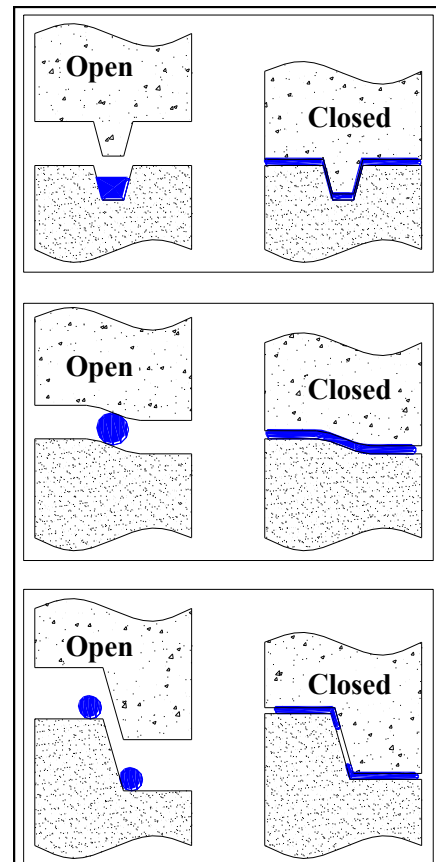
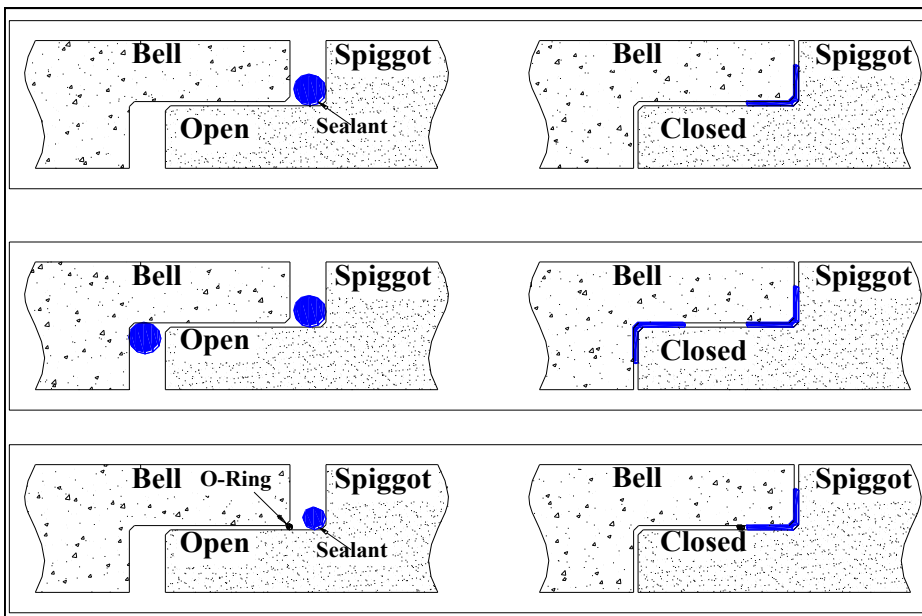
- Meets ASTM C-990
- Seals quickly and effectively
- Excellent adhesion to surfaces
- Large working temperature range
- Stays permanently bonded yet maintains flexibility
- Non-toxic
- Will not oxidize or shrink
- If required can have a root inhibitor mixed into compound



## How to Apply

1. Brush down sealing surfaces to remove foreign material.
2. Ensure sealing surface is free of moisture.
3. Press the tip of the exposed sealant against bottom of the jointing surface, then wrap the sealant around the joint and but the ends together.
4. Remove paper wrapper and couple the joint.
5. Wet or unusual conditions may require a primer.

## Various Profiles Available



### C-Tech Rubber USA LLC

7206 Peppermill Parkway Phone: 843 552 4496  
 North Charleston SC 29418 Fax: 843 552 0040  
 USA Cell: 843 822 0664

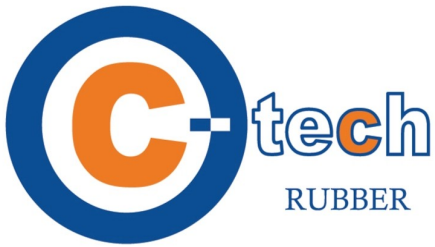
Email: stevesuttie@homesc.com

### C-Tech Rubber Pty Ltd

17 Devon Road Ph: 61 2 9829 3022  
 Ingleburn NSW 2565 Fax: 61 2 9829 4085  
 Australia

Email: sales@ctech-rubber.com.au





# Butyl Mastic Joint Sealant

## Description

C-Tech butyl mastic joint sealant is a butyl-rubber-based sealant designed to be permanently flexible, tacky and resistant to moisture and deterioration by exposure to dilute chemical solutions.

## Typical Properties

The following values represent typical test results and manufacturing specifications.

Chemical Composition	Specification	Requirements	C-Tech Joint Sealant
Content of Hydrocarbon - %by weight	ASTM D4	50-70	56.0
Inert Material Filler - % by Weight	AASHTO T III	30-50	44.0
Volatile Matter - % by Weight	ASTM D-6	2.0 max	< 1
<b>Chemical Resistance (total immersion 30 days)</b>			
5% Sulfuric Acid			No visible breakdown
5% Hydrochloric Acid			No visible breakdown
5% Potassium Hydroxide			No visible breakdown
Saturated Hydrogen Sulfide Solution			No visible breakdown
<b>Physical Properties</b>			
Specific Gravity – 25°C	ASTM D-71	1.2 - 1.35	1.24
Ductility – 25°C	ASTM D-113	15	9.0
Softening Point - °C	ASTM D-36	160	190
Penetration - 25°C	ASTM D-217	50-120	78
Elongation Initial - 25°C	300% min.		
Two Weeks, Total Water Immersion	300% min.		
Flow resistance	No Flow (overhead joint exposed to 57°C for 7 days)		
Storage Life	Indefinite		
Application Temperature Range	10° - 60°C		
Service Temperature Range	-25°C - 90°C		
Accelerated Aging (4 hours @ 100°C)	Maintained >99% of solids content. Flexibility was not affected		

Conforms to AASHTO M-198b – SS-S-210A – ASTM C990

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