



B-5100

BACKBEDDING ADHESIVE AND SEALANT

KEY FEATURES

- High Green Strength
- Excellent Adhesion to Building Materials
- Paintable

DESCRIPTION

Bostik B-5100 is modified silicone based on SMP (Silyl Modified Polymer) technology specifically designed for use in window backbedding applications.

FEATURES

- High initial grab (green strength)
- High strength and elasticity after full cure
- Solvent, isocyanate, and MEKO PVC free
- Very good UV-resistance and aging properties
- Good adhesion on several substrates without the use of a primer
- Simple substrate prep with IPA wipe
- Permanently elastic within temperatures from -40°F to 248°F (-40°C to 120°C)
- Neutral and odorless curing
- Low volume shrinkage

APPLICATIONS

Elastic bonding and sealing of glass lights and insulated glass units on door and window frames.

ADHESION

In general, Bostik B-5100 adheres well without primer on clean, dry, dust and grease free substrates of glass, aluminum, vinyl, and fiberglass.

PACKAGING

For packaging information, please call your Bostik sales or technical representative.

SHELF LIFE

Bostik B-5100 may be stored in a closed (unopened) container in a dry place at temperatures between 41°F to 86°F (5°C to 30°C) for about 12 months depending on package size.



TYPICAL PHYSICAL PROPERTIES

Description	Result
Basic Material	Silyl Modified Polymer (SMP)
Curing Method	Moisture
Appearance	Grey
Specific Gravity	1.46
Skin Forming Time (73°F/23°C @ 50% R.H.)	5-10 min
Tensile Strength (DIN 53504/ISO 37)	200 PSI/1.4 MPa
Elongation at Break (DIN 53504/ISO 37)	400%
Shore A Hardness (DIN 53505)	40

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

COUNTRY OF MANUFACTURE

United States

LIMITED WARRANTY

Limited Warranty found at www.bostik.com/us or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. The information, data, and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including but not limited to the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. Bostik does not warrant the product's suitability for any particular application. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

BOSTIK HOTLINE

Smart help
1-800-726-7845

Bostik Inc.

11320 W Watertown Plank Rd
Wauwatosa, WI 53226
www.bostik.com/us



This document supersedes all previously published literature.
08/23/19