

# Integra Adhesives®

## SUBSTRATE BONDER

Substrate Bonder SB100 is a rapid cure, two-component polyurethane adhesive for attaching substrate in countertop applications



**Chemical Concepts™**  
Our expertise is your solution.  
[chemical-concepts.com](http://chemical-concepts.com)  
**800.220.1966**  
410 Pike Road • Huntingdon Valley, PA 19006

## Speed up production!

SB100 greatly reduces assembly time, curing in as little as 15 minutes.

Attach Quartz, Natural Stone and Solid Surface to wood or composite support structures.

High strength and flexibility (elongation > 100%)

SB100 is packaged in a 1:1 ratio, 200ml cartridge.



# SUBSTRATE BONDER SB100

Rapid cure 1:1 urethane adhesive for attaching substrates to countertops

## ADVANTAGES

Bonds most substrates to any support material  
High Strength  
Excellent Flexibility  
Faster than hot melt & silicone  
7-10 minutes working time  
15-20 minutes fixture time

## APPLICATIONS

Attach Quartz, Solid Surface, and Natural & Engineered Stone to structural materials:

- ✓ Wood
- ✓ MDF
- ✓ High Pressure Laminate

**LOW VOC**  
INDOOR AIR QUALITY CERTIFIED

## CONTACT

### PHONE

1.888.862.6665

1.919.598.2400

### FAX

1.919.598.2439

### EMAIL & WEB

contact@integra-adhesives.com

www.integra-adhesives.com

**Integra**  
**Adhesives**

## Product Overview

Substrate Bonder SB100 is a rapid cure, two-component urethane adhesive for attaching Quartz, Solid Surfaces, Natural and Engineered Stone to wood support structures in countertop applications. Designed to develop strong yet highly flexible bonds in as little as 15 minutes, Substrate Bonder SB100 greatly reduces assembly time.

Note: It is not UV stable and should not be used for applications exposed to sunlight or where color stability is a factor.

## Characteristics

Characteristic	Substrate Bonder SB100
Working Time	7 – 10 minutes
Fixture Time	15 – 20 minutes
Operating Temperature	60°–80°F (16°–27°C)*
Viscosity – Component A	1,500 – 2,500 CPS
Viscosity – Component B	40,000 – 50,000 CPS (Gel when mixed)
Color – Component A	Straw colored viscous liquid
Color – Component B	Straw colored viscous liquid
Density	1.30 g/L
Mix Ratio A:B (Volume)	1:1 optimum
Elongation	> 100%
Lap Shear Strength	>100 PSI (56 – 98 kg/cm <sup>2</sup> )
Shelf Life	1 year

\* Use at temperatures below 55°F(12°C) or above 90°F(32°C) may cause incomplete cure, yellowing and poor bonding strength.

## Dispensing / Packaging

Integra Adhesives is a world leader in pre-colored cartridge-based adhesives specially designed for the surfacing industry. Our unique cartridge-based mix and dispense system allows for efficient and consistent color match, fast production output and low waste. Substrate Bonder SB100 is available in 200ml cartridges.

## Storage

Store at temperatures between 60° - 80°F (16° - 27°C). Long-term exposure to higher temperatures will reduce shelf life and alter cure properties. Do not freeze. See MFG data on cartridge for expiry information.

## Shipping Options

Integra Adhesives products are available across North America, Europe and many other parts of world. Please visit [www.integra-adhesives.com](http://www.integra-adhesives.com) to find a distributor near you.

Available at: