

Integra Adhesives®

SUBSTRATE BONDER

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



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

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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 ²) |
| 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 to find a distributor near you.

Available at: