

# SUBSTRATE BONDER SB100

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

## APPLICATIONS

Substrate Attachment  
Wood, MDF  
PVC, HPL, ABS  
Solid Surface  
Quartz Surfacing  
Granite  
Wall Panels

## ADVANTAGES

Flexible  
High strength  
Faster than Hot Melt and Silicone  
Low Waste

## CONTACT

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**Integra**  
**Adhesives**

## Product Overview

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

- Attach Quartz, Natural Stone and Solid Surface to wood or composite support structures
- SB100 greatly reduces assembly time, curing in as little as 15 minutes
- High strength and flexibility (elongation >100%)
- SB100 is packaged in a 1:1 ratio, 200ml cartridge

Substrate Bonder SB100 is designed to develop strong, highly flexible bonds between Solid Surfaces, Engineered Stone, Granite and the materials such as MDF, Plywood, PVC, HPL, and ABS.

Substrate Bonder SB100 greatly reduces assembly time, curing in as little as 15 minutes. Substrate Bonder SB100 is packaged in a 1:1 ratio 200ml cartridge and can be used in many applications that would normally require silicone. Substrate Bonder SB100 is not UV stabilized and should not be used for applications exposed to sunlight, or where color stability is a factor.

## Characteristics

Appearance — Component A	Straw colored viscous liquid
Appearance — Component B	Straw colored viscous liquid
Viscosity A	1,500 – 2,500 CPS
Viscosity B	40,000 – 50,000 CPS (Gel when mixed)
Density	1.30 g/L
Elongation	> 100%
Working Time	7 – 10 minutes
Fixture Time	15 – 20 minutes
Bond Strength — Flexural	800 – 1400 PSI (56 – 98 kg/cm <sup>2</sup> )
Shelf Life — Component A	1 year
Shelf Life — Component B	1 year
Mix Ratio A:B (Volume)	1:1 optimum

## Color

Substrate Bonder SB100 is formulated without color as it is typically not used in applications that require an inconspicuous appearance.

## Dispensing / Packaging

Substrate Bonder SB100 is packaged in dual component cartridges as part of a meter/mix/dispense system utilising specialised dispensing guns and static mixing tips. Substrate Bonder is currently available in 200ml cartridges.

## Shipping Options

Integra's adhesives are stocked at multiple locations across North America and Europe. A 1–2 day lead time can generally be expected for ground delivery within the continental US and Canada.