

# COMPONENT BONDER

Fast setting high strength adhesive for bonding various materials

## APPLICATIONS

ABS (Acrylonitrile Butadiene Styrene)  
Aluminum  
Composites  
FRP (Fiber Reinforced Products)  
Steel  
PA (Nylon)  
PVC (Polyvinyl Chloride)

## ADVANTAGES

Auto-dispense system  
Eliminates hand-mixing  
High strength  
Impact Resistant  
Flexible  
Fast Curing  
Working time 5 minutes  
Fixture time 15 minutes  
Indoor Air Quality Certified  
LEED Certified

## CONTACT

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**Integra**  
**Adhesives**

## Product Overview

Component Bonder can be used for room temperature bonding of Fiberglass Reinforced Products, Composites, Metals and plastics (ABS, PVC.) This adhesive is designed to produce tough, impact resistant, fast curing joints for applications in the Marine, Recreation, Construction and Transportation industries.

Component Bonder is the recommended adhesive for installing undermount fasteners due to its high strength, flexibility and impact resistance. This toughened Methacrylate adhesive is used to bond

metal fasteners to: Natural Stone, Quartz, Ceramic, Solid Surface materials, and more.

Component Bonder requires minimal surface preparation and remains flexible at low temperatures with excellent impact resistance. It is 100% reactive (contains no solvents) and is shelf stable for up to one year.

## Characteristics

|                       |                                |
|-----------------------|--------------------------------|
| Appearance            | Translucent / Amber            |
| Viscosity             | 30,000–50,000 / 70,000–100,000 |
| Density               | 0.96                           |
| Working Time          | 4-8 minutes (at 75°F/ 24°C)    |
| Fixture Time          | 10-15 minutes (at 75°F/ 24°C)  |
| Gap filling           | 0.250 inches                   |
| Shelf Life            | 1 year                         |
| Mixed Ratio           | 1/1 optimum                    |
| Operating Temperature | 65°F–85°F (18°C to 30°C)       |
| Flashpoint            | 51°F                           |

| Tensile Strength (ASTM D638) | Substrate             | Results     | Failure Type |
|------------------------------|-----------------------|-------------|--------------|
| Strength, psi                | Acrylic SS            | 2,500–3,000 | Cohesive     |
| Strength, psi                | Polyester SS          | 2,500–3,000 | Substrate    |
| Strength, psi                | Steel/Stainless Steel | 2,800–3,500 | Cohesive     |
| Strength, psi                | Aluminum              | 2,000–2,500 | Cohesive     |

## Chemical Resistance

Excellent Resistance to:  
Hydrocarbons  
Acids and Bases  
Vinegar  
Wine and Condiments  
Most Household Foods  
Susceptible to:  
Polar Solvents Super  
Strong Acids and Bases

## Dispensing / Packaging

Component Bonder is packaged in 1:1 400ml dual component cartridges as part of a meter/mix/dispense system utilising specialised dispensing guns and static mixing tips.

## 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.