

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

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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.