COMPONENT BONDER

A flexible, multipurpose adhesive that will bond to a wide range of materials and surfaces.

Component Bonder

Our premium grade, toughened methacrylate adhesive is the ultimate solution for bonding a multitude of materials to surfaces such as: Solid Surface, Granite, Engineered Stone, Ceramic and more... It is designed to produce tough, impact resistant, fast curing and flexible bonds.

Pair with Integra’s Sink Clips

For fast, durable undermount sink installations, Integra’s Component Bonder has you covered.
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
PHONE
1.888.862.6665
1.604.850.1321
FAX
1.604.850.1354
EMAIL & WEB
contact@integra-adhesives.com
www.integra-adhesives.com

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

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

<table>
<thead>
<tr>
<th>Tensile Strength (ASTM D638)</th>
<th>Substrate</th>
<th>Results</th>
<th>Failure Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strength, psi</td>
<td>Acrylic SS</td>
<td>2,500–3,000</td>
<td>Cohesive</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Polyester SS</td>
<td>2,500–3,000</td>
<td>Substrate</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Steel/Stainless Steel</td>
<td>2,800–3,500</td>
<td>Cohesive</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Aluminum</td>
<td>2,000–2,500</td>
<td>Cohesive</td>
</tr>
</tbody>
</table>

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.