Born2Bond™ Structural is a high-strength hybrid adhesive that provides a fast fixture time at room temperature while maintaining good processability and bond gaps up to 5mm. This product offers excellent bonding characteristics to a large variety of closed substrates, such as aluminum, steel, plastics and elastomers as well as porous substrates, such as woods, chipboard and leather. Born2Bond™ Structural is formulated for applications that require mechanical and in-use environmental resistance.

**FEATURES**

- Fixture time in 30 seconds*
- High adhesion strength: > 6 MPa after 5 minutes
- Open time of 25 minutes
- Fills gaps up to 5mm
- Excellent adhesion to many different substrates**
- Transparent when cured
- Temperature and humidity resistance
- Gel consistency for precise application

**TYPICAL APPLICATIONS**

- Structural bonding
- Magnet bonding
- Bathroom accessory bonding (plastic to metal)
- Bonding glass to leather

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**GRAPH:**

![Graph showing % of Initial Strength vs Exposure Time (hours) at 80°C, 100°C, 120°C, and 150°C.](image)

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**TABLE:**

<table>
<thead>
<tr>
<th>BASE</th>
<th>Hybrid CA &amp; Acrylate</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISCOSITY (cP)</td>
<td>Part A: 100,000 - 150,000 Part B: 40,000 - 80,000</td>
</tr>
<tr>
<td>OPEN TIME</td>
<td>25 minutes</td>
</tr>
<tr>
<td>FIXTURE TIME*</td>
<td>30 to 90 seconds</td>
</tr>
<tr>
<td>BOND STRENGTH</td>
<td>Grit-Blasted Mild Steel - 14 MPa</td>
</tr>
<tr>
<td>APPEARANCE</td>
<td>Transparent</td>
</tr>
<tr>
<td>TEMPERATURE RANGE</td>
<td>-40°C up to +120°C</td>
</tr>
<tr>
<td>GAP FILLING CAPABILITY</td>
<td>5mm</td>
</tr>
<tr>
<td>AVAILABLE IN</td>
<td>Syringes: 10g, 50g</td>
</tr>
</tbody>
</table>

*TDS and SDS available on request.

* Depending on gaps and substrates. **Except polyolefins. Always use glasses and gloves when applying adhesives.
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