Seal Bond 100 is a multipurpose structural sealant designed for difficult bonding and sealing applications. It is a moisture curing sealant developed for industrial uses requiring elasticity, high strength and excellent adhesion.

Seal Bond 100 is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, ceramics, Styrofoam®, Kynar® coated metal, glass, wood and many plastics. Seal Bond 100 is suited for many applications requiring adhesion to concrete and cementitious building materials.

Seal Bond 100 is based on a unique polymer system that is fast curing at temps as low as 13° F. Seal Bond 100 has excellent weathering characteristics and is suitable for use in all climates.

Applications

- Metal and glass bonding in the automotive industry including windshield bonding
- Sealing and bonding metal to metal seams
- Metal to plastic bonding
- Bus, trailer and motor home sealing and bonding
- Marine bonding
- Concrete bonding and sealing

Benefits and features

- Solvent and isocyanate free, No VOC's
- Permanently elastic in a broad temperature range
- Extremely low shrinkage
- Fast curing
- Paint compatible
- Good chemical resistance
- Low odor
- Non-flammable

Physical properties:

Basic material: Modified Polyether
Consistency: Self-leveling Fluid
Color: Black, Gray, and White
Odor: Nil
Components: 1
Type: Elastic
Specific gravity: 1.7
Solvent percentage: 0
Isocyanate percentage: 0
Shelf Life: 11 months in unopened containers stored between 60°F and 80°F.

DISCLAIMER: The information we provide is accurate to the best of our knowledge, but we do not assume any liability as to its accuracy or completeness. We do not guarantee that any hazards that we may mention are the only hazards that exist. User is responsible to determine the suitability of this product for user's intended application. User is responsible for determining that he can meet all applicable health and safety standards and regulations. We have no control over transportation, storage, handling and use of our products and will not be liable for any damages resulting from their use.
### Performance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shear Strength</td>
<td>&gt;300psi (7 day ambient cure)</td>
<td>ASTM D-1002</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>470%+ (7 day ambient cure)</td>
<td>ASTM D-412</td>
</tr>
<tr>
<td>Hardness Shore A</td>
<td>43 (14 day ambient cure)</td>
<td>ASTM C-661</td>
</tr>
<tr>
<td>Initial Skin Forming</td>
<td>~15 minutes</td>
<td></td>
</tr>
<tr>
<td>Slump (sag)</td>
<td>Zero Slump</td>
<td>ASTM C-637</td>
</tr>
<tr>
<td>Stain Testing</td>
<td>No Staining</td>
<td></td>
</tr>
<tr>
<td>Tack Free Time</td>
<td>25 minutes</td>
<td>ASTM C-679</td>
</tr>
<tr>
<td>Low Temperature Flex</td>
<td>-20°F</td>
<td>-----PASS-----</td>
</tr>
<tr>
<td>Service temperature</td>
<td>-40°F to 200°F, temporarily resistant to 390°F</td>
<td></td>
</tr>
</tbody>
</table>

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