Description
A one part moisture curing polyurethane adhesive/sealant for the construction and transport industries. PU18 produces tough, elastic seals and joints with excellent adhesion characteristics and resistance to most chemicals. PU18 is also oil resistant making it ideal for the engineering industry. Conforms to BS EN 15651-1,4:2012.

Uses
Bond It PU18 can be used for sealing and bonding in engineering, construction, automotive and marine applications.

It is ideal for use on:
- concrete
- wood
- metals
- GRP
- glass
- rubbers
- most common building materials.

Preparation
Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion.

Application
Puncture seal at the base of the nozzle screw. Apply using a standard sealant gun.

When bonding bring two components together before the product skins.

When using as a sealant tool with detergent solution within 10 minutes.

PU18 is over paintable with water based paints, however, tests should be carried out with solvent based paints to determine suitability.

Container Size
310ml cartridge.

Colour
PU18 is available in 3 colours, white, grey and black.

Shelf Life
12 months from date of manufacture.

Storage Conditions
Store in dry ventilated conditions between +5°C and 25°C. Store away from heat.

Limitations
Do not use for aquarium construction. Do not use with bitumen or asphalt. Not suitable for joints with movement greater than 15%. Discolouration of white and grey shades may occur when exposed to UV.

Disposal of Containers
Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety
Contains isocyanates. Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Never compromise on quality!
The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.

**Specification Summary**

<table>
<thead>
<tr>
<th>Form</th>
<th>Thixotropic Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skinning Time @ 20°C, 65% RH</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Thickness polymerised after 24 hours @ 23°C 50%RH</td>
<td>2-3mm</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>+5°C to +35°C</td>
</tr>
<tr>
<td>Density</td>
<td>1.2 g/cm³</td>
</tr>
</tbody>
</table>

**On a polymerised joint**

| Shore A Hardness 150 868 - 3 seconds | ca 40            |
| Modulus @ 100% (ISO8339)            | 0.4 N/mm²         |
| Elongation At Break ISO 8339        | >500%             |
| Service Temperature Range           | -30°C to +80°C    |

**Container Sizes:**

<table>
<thead>
<tr>
<th>Colour</th>
<th>White</th>
<th>Grey</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>BDPU18WH</td>
<td>BDPU18GR</td>
<td>BDPU18BL</td>
</tr>
<tr>
<td>Size</td>
<td>310ml</td>
<td>310ml</td>
<td>310ml</td>
</tr>
<tr>
<td>Barcode</td>
<td>5060021362162</td>
<td>5060021362414</td>
<td>5060021362407</td>
</tr>
</tbody>
</table>

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