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## TECHNICAL DATA SHEET

### MultiFix ClearBond

**MultiFix Clear Bond** is a high performance clear, flexible adhesive and sealant. It is specifically designed to bond and seal just about any material combination. It offers excellent primerless adhesives to most surfaces including metals, most plastics, wood, glass, Perspex and painted surfaces. It can also be used as a sealant for mobile structures such as caravans, boats, motorhomes and perimeter sealing around windows and doors. Clear Bond is totally weather proof and will tolerate -40°C to +90°C.

**Directions for use:** Lightly abrade parts to be bonded or sealed. Ensure the parts are, dry, clean and free from dirt, oil or grease. Cut off the end of the cartridge and fix nozzle. Cut nozzle to desired bead size. Fit the cartridge into a skeleton gun and apply to one surface. Clamp both parts together for 1hr to gain an initial grab strength. Cure at room temperature (20°C) 3mm/24hrs. When finished, apply a piece of tape over the end of the nozzle to help prevent the adhesive from hardening. Do not apply this product in temperatures below 5°C.

<b><u>PROPERTIES</u></b> Resin Colour Viscosity	Acrylic Clear to translucent yellow Thixotropic
<b><u>CURING</u></b> Fixture time Handling strength Full strength	2.5 - 3minutes at 25°C 5 minutes 1 hour
<b><u>TEMPERATURE RESISTANCE</u></b> Temperature range	-25°C to 125°C
<b><u>SHEAR STRENGTH</u></b> Powder coated steel Mild steel Modern composite (Die-bond) Glass	7.98Kn (bond area 12cm <sup>2</sup> ) 6.60Kn (bond area 20cm <sup>2</sup> ) 1.78Kn (substrate failure) 3.44Kn (bond area 20cm <sup>2</sup> ) <i>Bonded samples were abraded and cleaned with Isopropyl alcohol prior to bonding. Bonded pieces were tested 24hours after bonding.</i>
<b><u>CURED PROPERTIES</u></b> Shore Hardness D	62 to 68

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Page 1 of 1