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TECHNICAL DATA SHEET

MultiFix Power Adhesive

MultiFix Power Adhesive is a low odour, non-flammable, 2-part fast curing toughened acrylic adhesive. It will bond almost any material combination in just a matter of minutes. It will provide an incredibly strong bond that is weather resistant, will tolerate thermal extremes and is resistant to most common chemicals. MultiFix Power Adhesive can be used without mixing. Simply apply the two adhesive beads one on top of the other and press or clamp the two parts to be bonded together for 5 minutes. For transparent bond lines mix the adhesive for 20 seconds and apply to one surface. Clamp or press firmly together for 5 minutes in order for the adhesive to reach rough handling strength. Full cure is achieved in one hour. *Not suitable for bonding Polypropylene, Polyethylene or PTFE.

Directions for use: Lightly abrade parts to be bonded. Ensure the parts to be bonded are, dry, clean and free from dirt, oil or grease. Push down red cap firmly on a hard surface to break the cartridge skins. Remove red cap and depress plunger gently with thumb to ensure both components flow freely and equally. Clean cartridge tip with tissue and then apply adhesive ensuring the two adhesive beads flow 'one on top of the other' and press or clamp the two parts to be bonded together for 5 minutes. For transparent bond lines mix the adhesive for 20 seconds and apply to one surface. Clamp or press firmly together for 5 minutes in order for the adhesive to reach rough handling strength. Full cure is achieved in one hour.

PROPERTIES	
Colour	Blue
Resin	Methacrylate
UNCURED PROPERTIES	
Viscosity (Brookfield LVT)	4000 mPa*s
Flash point	>80 oC
Pot-Life	3 min.
CURING	
Handling Strength	3 -5 minutes
Full Strength	1 hour
SHEAR STRENGTH	
Steel	20 N/mm ²
Messing	20 N/mm ²
Aluminium	18.1 N/mm ²
PVC	2.6 N/mm ²
PA	6.2 N/mm ²
CURED PROPERTIES	
Temperature resistance : Hardness	-20 to 120oC
Shore D	65 to 75
Shrinkage	7.6%

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