

Technical Data Sheet

B2012 – EPOXY RESIN

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BARNWELL
THE SEAL OF APPROVAL

B2012 Epoxy Resin

PRODUCT DESCRIPTION

A steel-filled epoxy putty for general maintenance and repairs. For filling, rebuilding and bonding metal surfaces

APPLICATIONS

B2012 is suitable for bonding a wide range of variety of surfaces including steel, aluminium, and galvanised iron. B2012 reacts within a few minutes to give a tough resilient bond on a wide variety of surfaces.

USEFUL NOTES

- Clean & Easy to use
- Viscous but not thixotropic
- Rapid curing

INSTRUCTIONS FOR USE

- Ensure that surfaces to be bonded are clean and free from grease, dirt, dust and any other contamination.
- Mix equal quantities either by weight or volume of the two parts and stir thoroughly until a colour is obtained. Where a static mixing nozzle is supplied the 2 parts will be mixed correctly upon dispensing.
- Apply to one surface and offer up the second surface. Clamp or jig together under light pressure.
- Leave to cure at room temperature.

TECHNICAL FEATURES

	Part 1	Part 2
Physical form	Viscous	Viscous liquid
Chemical type	Epoxy	Mercaptan and polyamide
Appearance	Clear	Clear
Viscosity	100cps	130cps
Specific	1.17	1.14
Mix ratio	1:1	
Work life	As a mix: 4 ½ - 5mins	
Temperature Range	-40°C - 121°C	

CURED PROPERTIES

Plastics	Shear strength psi
ABS	210
GRP	540
HIPS	210
Nylon	180
Perspex	330
uPVC	170
Polycarbonate	240
Metals	Shear strength psi
Steel	550
Steel, abraded	900
Stainless steel	1050
Aluminium	650
Aluminium, abraded	960
Galvanised iron	800
Others	
Plywood	680
Teak	820

STORAGE

Stored under dry conditions in closed containers between 5 and 25°C B2012 will have a shelf life of 12 months.

HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood B2012 MSDS.

PRESENTATION

Cartridges.....28ml, 50ml
Clam Packs.....28ml