

5 Minute Epoxy Resin

All products in this range are quality checked and fully guaranteed.

Product description:

D2012 is a two part, rapid cold curing epoxy adhesive.

Applications:

D2012 is suitable for bonding a wide range of variety of surfaces including steel, aluminium and galvanised iron. D2012 reacts within a few minutes to give a tough resilient bond on a variety of surfaces.

Useful hints/notes:

- Clean and 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 by either weight or volume of the two parts and stir thoroughly until and even is obtained.
- Apply to one surface and offer up the second surface, clamp or jig together under light pressure.
- Leave to cure at room temperature.

Precaution:

For complete safety and handling information, please refer to the appropriate Material Safety Sheets prior to using this product.

Storage:

Stored under dry conditions in closed containers between 5 and 25°C D2012 EPOXY ADHESIVE will have a shelf life of 12 months.

Cured performance:

Plastics	Shear strength psi
ABS	210
GRP	540
HIPS	210
Nylon	180
Perspex	330
uPVC	170
Polycarbonate	240

Cured performance:

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

Technical features:

	Part 1	Part 2
Physical form	Viscous liquid	Viscous liquid
Chemical type	Epoxy	Mercaptan and polyamide
Appearance	Clear	Clear
Viscosity 25°C	100 poise	130 poise
Specific gravity	1.17	1.14
Mix ratio	1:1	
Work life	As a mix:4 1/2 - 5 mins	



Dangerous for the environment. Irritating to eyes. Irritating to skin
 May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Avoid contact with skin. Do not empty into drains. Wear suitable gloves.