

Fix It Rapid Metal

A strong metal epoxy and filler with a rapid curing time



A strong epoxy loaded with ferrous-ferric oxide to give mechanical strength and stability

What is Fix It - Rapid Metal?

Fix It Rapid Metal is a strong epoxy adhesive loaded with ferrous-ferric oxide (Magnetite). This makes Fix It Rapid Metal perfect for hard wearing repairs to metal objects that need to resist extreme conditions, forces, vibrations, water, heavy strains and impact. For example; tools, parts of a car, motorcycle, bicycle or moped and metal fences. Fix It Rapid Metal can be sanded, tapped and machined and will not shrink. It can be used as an adhesive for repairing, filling and rebuilding all metal surfaces. This makes it suitable for filling small holes in radiators, repairing machinery, appliances, tools, lawnmowers, automotive components, pipes and fixing bolts and screws into metals.



Key Features and Benefits of Fix It - Rapid Metal

- Rapid curing time.
- Very high adhesive strength with excellent shear strength
- Simple to mix and use.
- Chemical Resistant
- Waterproof
- Good temperature range
- Mixing ratios guaranteed with the cartridge packaging.
- Easy seal system for storage - No more blocked applicator tubes.
- Can be machined.
- Great cold metal repair.
- Can be used when in contact with sea water.
- Will withstand vibration and strain.

Technical Information

- Base: Epoxy
- Colour : Light Grey
- Specific Gravity(20oC): 1.1
- Flash Point (°C): >80°C
- Operating temperature: -40°C to 149°C
- Shelf Life: 12 Months
- Working time: 5 minutes
- Fixture time: 10 mins
- Handling Time: 1 hour
- Full Cure: 24 hours
- For cold areas settings times will be longer.
- Bond strength (tensile shear): 1000psi (Steel)
- 550psi (Aluminium)
- Shear Strength: 2,500psi

Application:

Bonding surfaces should be clean and dry, roughen smooth surfaces Use a plastic blister or cardboard to mix on (Not metal). Dispense equal parts of resin and hardener and mix thoroughly until uniform colour using a wooden stick or plastic knife. For best results apply the mixed epoxy to all surfaces and hold together with a clamp or weights. For your protection, always read the MSDS sheet for Fix-It Rapid Metal before use and please follow the advice given.

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