

STEEL EPOXY

1 – DESCRIPTION

Steel Epoxy is a fast cure two-component adhesive based on epoxy.

2 – PROPERTIES

- Resistant to water, alkalis and diluted acid solutions
- Bonded surfaces are ready to be used after 24 hours
- No color change, cracking or shrinkage during hardening period
- Over paintable, can be sandpapered and drilled

3 - APPLICATIONS

Epoxy Adhesive;

- Bonding and repairing of materials including marble, glass, ceramic, porcelain, leather, plastics
- Repairing of household goods, furniture etc.
- Bonding of metal surfaces

Epoxy Putty;

- Bonding and repairing of materials including aluminum, glass, ceramic, porcelain
- In sea vehicles, automobiles, caravans and water pipes
- Stopping the leakage of water, fuel and oil tanks
- Repairing of engine block cracks and closing up radiator holes
- Bonding of metal surfaces

4 - INSTRUCTIONS

Epoxy Adhesive

- The surfaces must be clean and free from dust and grease
- Dispense the components equally (1:1 ratio) and mix until a homogeny mixture is obtained.
- Apply adhesive to the both surfaces to be bonded as quickly as possible and adhere surfaces immediately.
- Keep the assembled parts from moving during cure and fix for 3-4 hours

Epoxy Putty;

- Dispense the components equally (1:1 ratio) and mix until a homogeneous green color mixture is obtained.
- Color of the mixture should be green.
- Keep the assembled parts from moving during cure and fix for 7 to 8 hours.

5- PACKAGING

Product	Volume	Package
Syringe Epoxy	56 gr	12
Epoxy Putty	57	48
Epoxy Putty	114	24

6- STORAGE AND SHELF LIFE

Epoxy adhesive has a shelf life of 24 months if stored in cool and dry areas in original pack.

7- SAFETY

- Uncured product can be removed with a suitable solvent.
- Irritating to eyes and skin.
- If in eyes, immediately flush eyes with plenty of water and consult doctor.
- Not suitable for plastic, Teflon and PVC .
- Keep away from children.

8- TECHNICAL PROPERTIES**Steel Epoxy Adhesive;**

Mix ratio	:1 part - 1 part
Working time (23 °C, 50% R.H)	:5 min
Hardening time (23 °C, 50% R.H)	:2 hours.
Application temperature	:+5 °C to + 40 °C
Hardness shore A	:95 ± 5

Steel epoxy putty;

Mix ratio	:1 part - 1 part
Working time (23 °C, 50% R.H)	:5 min.
Hardening time (23 °C, 50% R.H)	:2 hours
Application temperature	:+5 °C to + 40 °C
Hardness shore A	:95 ± 5

Color;

Steel Epoxy Adhesive	: Clear, Grey (Metallic)
Steel Epoxy Putty	: Green+Dusty Rose