

DESCRIPTION

Exsan Epoxy Steel 4 mins is a two component ambient curing, tough epoxy system suitable for bonding wide variety of surfaces like metals, glass, wood, leather, canvas, Epoxy Phenolic laminates, papers, etc. This system after complete curing provides a three dimensional network. This cured network provides excellent resistance towards moisture, oil, dust and industrial solvents. It also provides excellent damping characteristics. It provides handling strength within 30 minutes.

Usage: Metal tank, water pipes, Automotive parts, Tools, Appliances, Furniture, Toys and many more.

ADVANTAGES

- Very Fast curing becomes tack free within a period of 4 minutes.
- Two component Room Temperature Curing system.
- Good Adhesion on glass, metals, Epoxy, Phenolic laminates, Wood, Paper, Ceramics, Leather, etc.
- Convenient Mix Ratio of 1: 1.
- High Strength

METHOD OF USAGE

Make sure the surface (s) to be bonded are free from moisture, oil, dust, etc. Squeeze out equal Quantities of part - A & Part - B in the ratio of 1 : 1. Mix it thoroughly to get a uniform paste. Apply a thin layer of adhesive on to both surfaces and assemble them together. Ensure contact pressure throughout the curing process. Allow the bonded substrates to cure at ambient temperature for a minimum period of 24 hours.

Replace caps to original tubes or hardening may occur in tube nozzles.

N.B: The bonding operations must be completed within a period of 2 - 3 minutes after mixing both the components together.

SHELF LIFE : 6 months from the month of manufacture.

STORAGE : Store in cool and dry place away from direct sunlight and heat source..

PACKING : Part A – 17 ml, 200 Litre
Part B – 17 ml, 200 Litre

(The information contained herein is based on the present state of our knowledge. However, testing under actual condition by the user is recommended)

PROPERTIES

SI.No.	Properties	Unit	Specification
1	Appearance Component - A Component - B Mixed adhesive	----	Paste Paste Paste
2	Colour Component - A Component - B Mixed adhesive	----	Black Whitish Grey
3	Viscosity @ 30°C Part A (Sp-7 Rpm 20) Part B (Sp-7 Rpm 20)		70,000 – 1,00,000 85,000 – 1,15,000
4	Mix Ratio (by weight / by volume)	----	1 : 1
5	Specific Gravity Part A Part B	----	1.58 – 1.78 1.50 – 1.70
6	Pot life at RT (2gms mix)	Minutes	4
7	Lap Shear Strength After 1 hour After 1 day	Kg/cm ²	100 150
8	Hardness, Shore D	–	75
9	Cure Schedule @ (RT 28 - 35°C)	Hours	24