
**TECHNICAL
DATA****SELLEYS EPOXY FIX SUPER STEEL**PAGE:01

PHYSICAL DATA

Appearance	: PART A (Black)
	: PART B (White)
Main Ingredient	: Epoxy Resin
Mixing Ratio	: 1 : 1 (by volume)
Specific Gravity	: PART A Epoxy Resin 1.58 g/ml
	: PART B Epoxy Hardener 1.66 g/ml
Pot Life	: 3 -5 mins at room temperature
Curing Time	: 2 hours at room temperature
Heat Resistance	: 120°C at 20 min

CHARACTERISTICS

- Selleys Epoxy Fix Super Steel is a fast setting, non-shrinking epoxy adhesive.
- Selleys Epoxy Fix Super Steel exhibits a remarkable combination of properties, high mechanical strength, excellent resistance to most chemical environments and reliable heat resistance. It fills gaps, makes strong water resistant and tolerant to most fuels and solvents.
- It is a two part adhesive of high viscosity which have a good dimensional stability and strong adhesion to a variety of substrates.
- This adhesive also combines reasonable ease of handling with high chemical resistance and mechanical performance after use.
- Most suitable for plastics industries, casting impregnating and potting system industries, electrical or electronic industries and mortar industries.
- Bonding of metals and metal alloys, pipes, metal tanks, concrete and stone, rubber and concrete, ceramic materials, glassware, auto trimmings, knobs, china, porcelain, wood, leather, paper, textiles, fiberglass repair and etc.

APPLICATION

- In order to secure perfect bonding, it is recommended to pre-treat the surface by removing moisture, dust, grease, rust, paint, oxide and all other foreign matters from the bonding surface before application of Selleys Epoxy Fix Super Steel.

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- To obtain the best bonding result, suitable primer is recommended to be used on bonding surfaces before applying the adhesive.
- Mix Part A with Part B thoroughly in a ratio of 1 : 1 by volume. After mixing, use all the mixed adhesive within 5 minutes.
- Apply a thin layer of Selleys Epoxy Fix Super Steel mixture on both side of the bonding surfaces.
- Assemble bonding surface before mixture become gel.
- After assemble, a suitable pressure is apply on the bonding surface to ensure the mixture would spread evenly and thoroughly between the bonding surfaces.
- Allow cure time for 15 minutes. The mixture will be fully cure after 2 hours.
- Application should be carried out in a well ventilated area.

CAUTION

- Flush immediately with water if spilled on skin.
- If spilled on eye, flush immediately with water and seek oculist treatment immediately.

STORAGE

- Provided the adhesives are stored in dry and cool air tight containers, the storage stability will be at least 12 months (before mixing) from day of delivery ex-works.

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