

TECHNICAL DATA SHEET



4 MINUTES STEEL EPOXY

DESCRIPTION:

SILOCK™ 4 MINUTES STEEL EPOXY IS A STEEL FILLED FAST SETTING, NON SHRINKING GRAY COLOR EPOXY ADHESIVE. IT OFFERS GOOD GAP-FILLING CAPABILITIES AND SLUMPING CHARACTERISTICS. IT WILL CHEMICALLY BOND STEEL, BRASS, COPPER, BRONZE, IRON, PLASTIC, WOOD, CONCRETE AND CERAMICS. WITHSTANDS HIGH TEMPERATURES AND IS PRESSURE RESISTANT. USE TO REPAIR: WORN VALVE SEATS, CRACKED HOUSINGS, COPPERS AND CYLINDER HEADS, GAS TANK LEAKS, RADIATOR LEAKS, TORN KEYWAYS, STRIPPED THREADS, WORN PULLEYS, LOOSE SCREW, ETC.

FEATURES:

- ◆ ONE TO ONE MIXING RATIO.
- ◆ EASY TO USE
- ◆ FAST SETTING WITHIN 4 MINUTES.
- ◆ STRONG BONDING STRENGTH.
- ◆ STEAM AND HEAT RESISTANT TO 150°C.
- ◆ RESISTANCE TO WATER, SOLVENT, ACID AND ALKALINE.
- ◆ CAN BE SANDED, FILED, DRILLED, TAPPED OR THREADED WHEN HARDENED.
- ◆ NON SHRINKAGE.

USES:

- ◆ IT WILL CHEMICALLY BOND STEEL, BRASS, COPPER, BRONZE, IRON, PLASTIC, WOOD, CONCRETE, AND CERAMICS. WITH STANDS HIGH TEMPERATURES AND IS PRESSURE RESISTANT.
- ◆ USE TO REPAIR: WORN VALVE SEATS, CRACKED HOUSINGS, COPPERS AND CYLINDER HEADS, GAS TANK LEAKS, RADIATOR LEAKS, TORN KEYWAYS, STRIPPED THREADS, WORN PULLEYS, LOOSE SCREW, ETC.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

NOT RECOMMENDED FOR:

NOT FOR: PE, PP AND PTFE.

APPLICATION:

- ◆ SURFACES MUST BE CLEAN, DRY AND FREE OF DIRT, GREASE, OIL OR WATER. PUNCTURE THE TUBE WITH THE CAP.
- ◆ SQUEEZE OUT EQUAL AMOUNT OF RESIN AND HARDENER ONTO ANY DISCARDED SURFACE.
- ◆ MIX THOROUGHLY AND APPLY MIXTURE TO BOTH SURFACES BEFORE JOINING. LOW HEAT WILL ACCELERATE HARDENING.
- ◆ REPLACE CAP AFTER USE AND STORE IN COOL, DRY PLACE.

CURING TIME:

4 MINUTES CLEAR EPOXY WILL GEL IN 2 – 3 MINUTES AND CURE IN APPROXIMATELY 3 - 5 MINUTES UNDER ROOM TEMPERATURE.

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SPECIFICATION:

PART 1 : EPOXY RESIN

FORM	LIQUID.
COLOUR	BLACK.
ODOUR	CHARACTERISTIC ODOUR.
SPECIFIC GRAVITY	1.70 ± 0.10
VISCOSITY	40,000 - 80,000 CPS @ 30°C
APPLICATION TEMP.	-10°C TO 40°C
SERVICE TEMPERATURE	-10°C TO 150°C
SHELF LIFE	12 MONTHS

PART 2 : EPOXY HARDENER

FORM	LIQUID.
COLOUR	WHITE.
ODOUR	CHARACTERISTIC ODOUR.
SPECIFIC GRAVITY	1.60 ± 0.10
VISCOSITY	70,000 - 110,000 CPS @ 30°C
APPLICATION TEMP.	-10°C TO 40°C
SERVICE TEMPERATURE	-10°C TO 60°C

***MIXING RATIO (BY VOLUME): 1 PART RESIN TO 1 PART HARDENER.**

STORAGE:

MATERIAL SHOULD BE STORED IN A DRY AND COOL PLACE BETWEEN +5°C TO +30°C.

CAUTION:

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET OF THIS PRODUCT BEFORE HANDLING OR USING.

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