

TECHNICAL DATA SHEET

SILOCK™ 4 MINUTES CLEAR EPOXY PROFESSIONAL SOLUTION

DESCRIPTION:

SILOCK™ 4 MINUTES CLEAR EPOXY IS A FAST SETTING, NON SHRINKING CLEAR EPOXY ADHESIVE. THIS INDUSTRIAL STRENGTH PRODUCT IS EXCELLENT FOR BONDING METAL TO METAL AND FOR FILLING DEFECTS IN METAL, WOOD AND MASONRY. 4 MINUTES EPOXY HARDENS AND BONDS BY CHEMICAL REACTION. CAN BE DRILLED, TAPPED, SANDED, FILED AND 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.
- ◆ NON SHRINKAGE.

USES:

- ◆ FOR BONDING METAL TO METAL AND FOR FILLING DEFECTS IN METAL, WOOD AND MASONRY.

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

NOT RECOMMENDED FOR:

NOT FOR: PE, PP AND PTFE.

APPLICATION:

- ◆ SURFACE MUST BE CLEAN, DRY AND FREE FROM GREASE.
- ◆ MASK SMOOTH SURFACE TO SIMPLIFY CLEAN UP.
- ◆ MIX THE RESIN AND HARDENER IN ONE TO ONE RATIO.
- ◆ APPLY A THIN LAYER OF THE MIXTURE ON THE BOTH SIDES OF THE BONDING SURFACE.
- ◆ ASSEMBLE BONDING SURFACE BEFORE MIXTURE BECOME GEL.
- ◆ CLEAN OFF EXCESS MIXTURE WITH SOLVENT.

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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4 MINUTES CLEAR EPOXY

SPECIFICATION:

PART 1 : EPOXY RESIN

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|---|----------------------|
| FORM | LIQUID |
| COLOUR | CLEAR |
| ODOUR | CHARACTERISTIC ODOUR |
| DENSITY | 1.16 ± 0.05 |
| VISCOSITY SPINDLE NO. 5, 20 RPM @ 30°C (CPS) | 6,000 – 8,000 |
| 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 | CLEAR |
| ODOUR | CHARACTERISTIC ODOUR. |
| SPECIFIC GRAVITY | 1.13 ± 0.03 |
| VISCOSITY SPINDLE NO. 5, 20 RPM @ 30°C (CPS) | 10,000 – 15,000 |
| 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 +5⁰C TO +30⁰C.

CAUTION:

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

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