



MOHM CHEMICAL SDN. BHD. (Co. No. 276851-U)

MCX MARKETING SDN. BHD. (Co. No. 363532-T)

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TECHNICAL DATA SHEET

x'traseal® STEEL EPOXY

DESCRIPTION:

x'traseal® STEEL EPOXY IS A METAL FILLED EPOXY THAT HAS THE TREMENDOUS STRENGTH AND DURABILITY WITH NORMAL CURING TIME; IT CAN BE APPLIED IN SINGLE APPLICATION BECAUSE IT IS HARDEN BY CHEMICAL REACTION OF THE RESIN AND HARDENER. IT FORM EXTREMELY HARD METAL WITHIN 2 TO 3 HOURS AND UNAFFECTED BY SOLVENTS, STEAM, HEAT AND WATER. STEEL EPOXY CAN BE SANDED, FILED, DRILLED, TAPPED OR THREADED.

FEATURES:

- ◆ EASY TO USE, ONE TO ONE MIXING RATIO.
- ◆ IN THE FIELD REPAIRING, COST SAVING ON DOWNTIME.
- ◆ STRONG BONDING STRENGTH WHEN HARDENED.
- ◆ STEAM AND HEAT RESISTANT TO 150°C.
- ◆ WATER, SOLVENT, ACID AND ALKALINE RESISTANCE.
- ◆ CAN BE SANDED, FILED, DRILLED, TAPPED OR THREADED WHEN HARDENED.
- ◆ NON SHRINKAGE.
- ◆ PAINTABLE.

USES:

A REPAIRING MATERIAL THAT HAS EXCELLENT ADHESION TO ALL METALS, GLASS, WOOD, PORCELAIN AND MASONRY. SUITABLE FOR WORKSHOP, PLANT MAINTENANCE GROUP IN PROCESSING PLANT, METAL-WORKING INDUSTRIES, AND MINING INDUSTRIES.

LIMITATIONS:

NOT FOR: PE, PP, 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 TO BOTH SURFACES WITHIN ONE HOUR.
- ◆ CLEAN OFF EXCESS MIXTURE WITH SOLVENT.
- ◆ CURE WITHIN 3 HOURS.

CURING TIME:

STEEL EPOXY WILL GEL IN 60 – 80 MINUTES AND CURE IN APPROXIMATELY 120 - 180 MINUTES UNDER ROOM TEMPERATURE.



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SPECIFICATION:

PART 1 : EPOXY RESIN

FORM	LIQUID.
COLOUR	BLACK.
ODOUR	CHARACTERISTIC ODOUR.
SPECIFIC GRAVITY	1.29±0.05
VISCOSITY	16,000 - 17,000 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	0.88±0.05
VISCOSITY	45,000 - 90,000 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.**

CAUTION:

UNCURED RESIN AND HARDENER MAY CAUSE SKIN, EYE AND RESPIRATORY SYSTEM IRRITATION.

USE ONLY IN WELL VENTILATED AREAS.

USE APPROPRIATE PERSONAL PROTECTION TO AVOID CONTACT WITH SKIN AND EYES.

IN CASE OF EYE CONTACT OR IRRITATION, FLUSH EYE IMMEDIATELY WITH RUNNING WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT, WASH AFFECTED AREAS WITH HAND CLEANER FOLLOWED BY SOAP AND WATER.

FOR FURTHER HEALTH AND SAFETY INFORMATION CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET.