



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® BLACK RTV SILICONE

DESCRIPTION:

x'traseal® BLACK SILICONE IS A ONE PART NEUTRAL SILICONE SEALANT THAT CURES TO FORM A DURABLE RUBBER SEAL THAT OFFER EXCELLENT ADHESION, HEAT RESISTANT FOR GLAZING AND JOINT SEALING APPLICATION.

FEATURES:

- ◆ NEUTRAL, NON TOXIC CURING SYSTEM
- ◆ NON CORROSIVE TO METALS
- ◆ NON CORROSIVE TO ALKALINE SUBSTRATES
- ◆ NON CORROSIVE TO AUTOMOBILES
- ◆ LOW SHRINKAGE.
- ◆ NO SAGGING.
- ◆ FOR INDOOR/OUTDOOR USE.
- ◆ PRIMERLESS ADHESION TO MOST MATERIALS.

USES:

FORM A WATERPROOF PROTECTION SEAL AROUND ANODISED ALUMINIUM, FINISHED METAL SURFACE, GLASS, WINDSHEILDS, REFRIGERATOR GASKET, RUBBER HOSE CONNECTIONS AND INSULATED WIRING.

LIMITATIONS:

BLACK SILICONE IS A NEUTRAL (OXIME) CURING SILICONE. AS WITH OTHER SILICONE SEALANTS, IT IS

NOT FOR: PAINTS COATING.

NOT FOR: PE, PP, PTFE AND BITUMINOUS SURFACE.

JOINT DESIGN:

THE SPECIFIED SEALANT BEAD SIZE SHOULD BE CALCULATED TO COMPLY WITH THE COMPRESSION AND EXTENSION CAPABILITIES OF THE SEALANT IN RELATION TO THE ANTICIPATED JOINT WIDTH DUE TO THERMAL EXPANSION AND CONTRACTION.

GENERALLY CALCULATION OF THE WIDTH OF SEALANT BEAD SHOULD BE COMPUTED ON THE BASIS OF A MAXIMUM $\pm 25\%$ COMPRESSION AND EXTENSION CAPABILITY MINIMUM BEAD SIZE SHOULD NOT BE LESS THAN 3mm TO ACCOMMODATE MOVEMENT. DESIGN JOINT DEPTH OF WHICH RATIO WIDTH BECOMES 0.5 TO 1.

SUITABLE JOINT DEPTH VS. WIDTH:

6mm x 6mm

8mm x 12mm

10mm x 20mm

* JOINT SIZE MINIMUM 3mm x 3mm.

* JOINT SIZE MAXIMUN 30mm.



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APPLICATION:

- ◆ SURFACE MUST BE CLEAN AND DRY.
- ◆ MASK SMOOTH SURFACE TO SIMPLIFY CLEAN UP.
- ◆ CUT NOZZLE TO DESIRED SIZE.
- ◆ PUSH SEALANT AHEAD FOR UNIFORM BEAD.
- ◆ TOOL WITHIN 5 MINUTES.
- ◆ CLEAN OFF EXCESS SEALANT WITH M.E.K. OR TOLUENE.

CURING TIME:

BLACK SILICONE WILL TACK FREE IN APPROXIMATELY 30 MINUTES AND WILL CURE TO A DEPTH OF 10mm WITHIN 7 DAYS.

SPECIFICATION:

CURING SYSTEM	OXIME
APPEARANCE	NON-SAGGING PASTE
ODOUR	LOW OXIME SMELL
SPECIFIC GRAVITY	1.02±0.01
SHORE A HARDNESS	APPROX. 25.
ELONGATION AT BREAK	400%
TENSILE STRENGTH	APPROX. 1.2Mpa
TOOLING TIME	5 MINUTES
TACK FREE TIME	WITHIN 15 MINUTES
APPLICATION TEMP.	-20°C TO 50°C
SERVICE TEMPERATURE	-40°C TO 150°C
SHELF LIFE	12 MONTHS

CAUTION:

UNCURED SEALANT 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 GET MEDICAL ATTENTION.
IN CASE OF SKIN CONTACT, WASH AFFECTED AREAS WITH HAND CLEANER FOLLOWED BY SOAP AND WATER.
PRODUCT RELEASES KETOXIME DURING APPLICATION AND CURING.
FOR FURTHER HEALTH AND SAFETY INFORMATION CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET.