

# MIPRO-MC

## ACID/ALKALI/ RESISTANT MASTIC COMPOUND

**INTRODUCTION:** Concrete and ordinary red brick masonry with cement plastered surface are basic methods for construction of floors, foundations, tanks, sumps manholes etc. These can be attacked by corrosive environment, spillage's of acids and alkalis and other chemicals handled in modern chemical industries. To protect civil structure of plants and buildings from corrosive attack, acid resisting brick lining is most communally used method. MIPRO-MC is used as an inter-liner with acid resisting brick lining. It can also applied as open mastic flooring for heavy-duty flooring.

**AREA OF APPLICATION :** MIPRO-MC is mainly used as an impermeable inter-liner (5mm to 10mm thick) with acid resisting brick/tile lining on floors, tanks, drains, sumps. It can also applied, as open mastic flooring where diluted chemicals are to be handled and traffic is not very high.

### **PHYSICAL PROPERTIES**

Specific Gravity	2-2.5
Softening Point(B&R Method)	130-140C
Recommended Temp. Limit	60 C
Shelf Life	Unlimited

**CHEMICAL RESISTANCE:** MIPRO-MC has good resistance to weak, diluted acids, alkalis salts etc. It is not recommended to use against strong acids, oxidizing acid solvents, oil and fats.

**METHOD OF APPLICATION:** MIPRO-MC application consist of one coat of MIPRO-PR primer and followed by 5 to 10mm thick MIPRO-MC as in inter-liner with A. R. Brick/Tile. Recommended thickness, for doing open mastic ranging from min. 12mm to 25mm in one or two layers to achieve desired thickness without any pin hole and crack.

1). Surface preparation and application of MIPRO-PR: Refer application method of MIPRO-PR.

2). After doing necessary surface preparation and application of primer coating, area to be installed with MIPRO-MC should be divided in to equal no. bays. To maintain even thickness required, place wooden or aluminum batten. MIPRO-MC is then broken in small pieces and put it in heating pan. While heating, keep material moving to avoid burning. It is heated until it comes in a uniform consistency and then applied on the surface and works it with wooden float, to achieve uniform thickness and smooth surface free from any pinholes.

**STORAGE & PACKING** Keep MIPRO-MC away from direct sunlight, heat solvents etc. Under this condition, its shelf life is unlimited. It is supplied in cake form and approx. wt. is 10 kgs.

**HEALTH & SAFETY** Handle melted MIPRO-MC compound very carefully . Avoid contact with skin. It is advisable to wear protective wears at the time of use of MIPRO-MC and all other MIPRO brand products.

This information, given in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control.



## CHEMIPROTECT ENGINEERS

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