

MIPRO-CP

ACID/ALKALI/SOLVENT RESISTANT CASHEW-PHENOLIC MORTAR

INTRODUCTION MIPRO-CP is a two -part chemical setting cashew-phenolic base mortar used for acid resisting brick lining, to protect most commonly used construction materials like RCC, MS, steel, brick masonry construction etc., from corrosive environment in modern chemical age. MIPRO-CP is resistant to acids, alkalis, and solvents, etc. at temperature up to 170 C

AREA OF APPLICATION MIPRO-CP is used for acid resistant brick/tile lining where maximum chemical resistance is required at most economical cost. MIPRO-CP is most inexpensive among other resin base mortar, but at the same time is most suitable material also.

PHYSICAL PROPERTIES

Color	Black
Mix Ratio by wt. Sol to Powder	1.3
Compressive Strength kg/cm ²	100Kg
Flexural Strength kg/cm ²	30
Bond Strength kg/cm ²	4
Water Absorption	1% by wt.
Max. Temp.	170 C
Setting Time	18-24 Hrs.

METHOD OF APPLICATION

MIXING: MIPRO-CP is prepared by mixing of solution & powder to form a workable mortar. Mixing ratio is 1 part solution to 3 parts powder by wt. This ratio can vary depending upon ambient temperature and working conditions. Use clean, dry mixing pan. Take required quantity of solution and add powder slowly and start mixing to get uniform paste

like mortar. Do not mix large quantity, and then can be used within 20-30 minutes.

APPLICATION: Ensure bricks or tiles are clean, dry and kept at the same temperature of MIPRO-CP. Apply mixed mortar on brick/tile in even thickness on all sides for bedding & jointing with the same materials. Apply little more in center so no air pockets are formed while its installation. For only joints filling, it is recommended to take great care that full depth is filled with the same. During & after completion of the application, the area must be kept dry and free from and other materials and traffic, which can affect setting & curing of MIPRO-CP.

CHEMIPROTECT ENGINEERS 

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CHEMICAL RESISTANCE MIPRO-CP will provide very good protection against most acids, alkali solvents, oil, fats, salts etc. However it is not recommended for protection against HF, fluoride salts etc.

STORAGE & SHELF LIFE: Always keep solution & powder in cool, dry place, away from direct sunlight and moisture. If stored in sealed container and bags, shelf life of solution will be 12 months, and shelf life of powder will be 4-5 months.

PACKING Solution: 25 kgs and 200 kgs (NET) in good quality MS drums. Powder: 37.5 kgs (NET) in LDPE+HDPE bags.

HEALTH & SAFETY it is advisable to wear protective wears at the time of use of MIPRO-CP and all other MIPRO brand products. In case of contact with skin and eyes, wash with plenty of water and consult a doctor.

This information, given above 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.

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