

MIPRO-E

SOLVENT FREE HIGH STRENGTH EPOXY MORTAR

INTRODUCTION

MIPRO-E is a three parts chemical setting epoxy resin base mortar. It exhibits excellent adhesion to acid resistant bricks/tile, concrete, MS surface. MIPRO-E is resistant to very wide range of chemicals

AREA OF APPLICATION

Due to very low absorption and very high chemical & physical properties MIPRO-E can be used for acid resisting brick/tile lining, on floors, drains, reaction & storage vessels, sumps, effluent treatment plants of food/pharmaceuticals, Breweries, Dairies, Water treatment plants etc.

PHYSICAL PROPERTIES

Color	Brown
Mix Ratio by wt. Binder to Powder	1: 3.75 to 4.5
Compressive Strength kg/cm ²	500
Flexural Strength kg/cm ²	150
Bond Strength kg/cm ²	10
Water Absorption	1%
Max. Temp.	60 C
Setting Time	8-10 hrs.

METHOD OF APPLICATION

All mixing tools and pan must be clean, dry. Take appropriate quantity of resin and hardener and mix it truly with suitable means, until you get homogeneous mix. Then add powder slowly in it and start mixing slowly to avoid air trapping. The ratio can vary depending upon ambient temperature and working conditions.

APPLICATION

After proper mixing, mortar should be buttered on back and sides of bricks/tiles to be laid. Apply little more mortar and after lying squeeze the excess mortar. If only joints filling are done with MIPRO-E, be sure that full depth of joints is filled with mortar. There should not any air pocket in the joints. During & after completion of the installation, area must be kept dry and free from any other materials, traffic, which can affect setting & curing of MIPRO-E.

CHEMICAL RESISTANCE

MIPRO-E is highly resistant to acids, alkalis, salts, solvents, greases, detergents etc. However it is not recommended against strong mineral and oxidizing acids.

STORAGE & SHELF LIFE Always keep resin, hardener and powder in cool, dry place, away from direct sunlight and moisture. If stored in sealed containers and bag shelf life of Resin, Harder & Powder will be one year.

PACKING

As required by customer.

HEALTH & SAFETY

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

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.



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