



LayPoxy Mortar

Epoxy Mortar and Grout 3 Components

PRODUCT DESCRIPTION: LayPoxy Mortar is a solvent free three-component system consisting of an epoxy resin, hardener and quartz silica filler. This system is tough and resilient when compared to concrete. It has excellent characteristics for floor repairs and resurfacing

USES: Used in warehouses, dairies, metal treating plants, machinery workshops, food processing plants, service stations, airplane maintenance facilities, chemical plants, factories, garages and car repair workshops.

ADVANTAGES: LayPoxy Mortar has high tensile and high compressive strengths. It provides chemical resistant surface that is non-absorbent and non-dusting. It is Solvent free and V.O.C. compliant.

COMPOSITIONS AND MATERIALS: Epoxy resin and hardener, graded silica, and other compatible modifiers.

PACKAGING: Packaged in 35 Kg kit.

COLORS: Natural Beige.

APPLICABLE STANDARDS: COMPLIES WITH ASTM C-881-90, TYPE II&IV, GRADE 1, CLASS B & C.

TECHNICAL DATA:

LayPoxy Mortar Cures in 8 hours.

Performance Characteristics

Results

Setting time: 1 hrs.

Compression Strength 1 day: 8000 psi

Coverage: 1 unit of 35 Kg will yield 16 liters and cover 9 m² at 4 mm

CHEMICAL RESISTANCE

LayPoxy Mortar has excellent chemical resistance to the following:

Hydrochloric acid, Sodium hydroxide, Citric acid, Tartaric acid, Diesel fuel/petrol, Sulphuric acid, Sugar solutions, Lactic acid, Hydrocarbons, Phosphoric acid, Nitric acid, and Acetic acid.

INSTALLATION:

Surface Preparation: All surfaces must be clean and free of dust, grease, sealants and foreign matter.

Mixing: Use a heavy duty slow speed drill running at 300 to 500 rpm. After mixing epoxy, add part C (aggregate). Pour the aggregate slowly while mixing for further 3-5 minutes.



Application: Apply with conventional trowel.

Precautions: Avoid contact with skin. In case of contact wash thoroughly with water. For eyes, get medical attention. Keep out of reach of children.

Cleaning: Wash spills with xylene.

Storage Life: One year if stored in cool, dry location.

MAINTENANCE: LayPoxy Mortar is maintenance-free and permanent. If damaged, it may be mechanically removed and re-applied.

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