

MIPRO-ETS

Epoxy Resin Base 3K Trowel Applied Screed

DESCRIPTION

MIPRO-ETS is a three-component, trowel applied epoxy resin base heavy-duty floor screed system. Can be applied at min. 3mm to max. 10mm thickness, with the help of power trowel or manually depending on thickness as underlayment for a variety of chemicals resistant and hardwearing flooring system.

To improve clean ability and chemical resistance, the following top coatings are recommended; MIPRO-EC. MIPRO-EC (HYB), MIPROTHANE-WBC, MIPRO-WBC other coating options are available; please contact us for technical service for specific requirements.

EXTRA STRENGTH

Where extra strength is required, use of epoxy compatible glass woven fabric impregnated with MIPRO-E resin system is to be applied as an impervious membrane.

COVE BASE

MIPRO-ETS can be used to provide an integral seal at the joint between floor to wall and wall to wall. Cove bases in varying heights can be applied. Please contact us for more technical information.

PACKAGING-

MIPRO-ETS is packaged in units for easy handling. Each unit consists of:

- Part – A
- Part – B
- Part - C

COVERAGE 2 Kgs per M2 for 1mm thick per M2

STORAGE CONDITIONS

Store all components of MIPRO-ETS in seal container away from heat, direct sunlight, moisture. Avoid excessive heat and do not freeze. The shelf life is 2 years in the original, unopened container.

COLOUR-

MIPRO-ETS is available in standard colors.

PHYSICAL CHARACTERISTICS

Compressive Strength after 7 days	55 N/mm ²
Tensile Strength	10 N/mm ²
Flexural Strength	25 N/mm ²
Impact Resistance	1 kg weight >1.8 m 2 kg weight >1.5 m
Water Absorption	Less than 0.5%
Cure Rate	

CURING

	10° C	20° C	30° C
Light traffic	36 hrs	24 hrs	16 hrs
Full traffic	72 hrs	48 hrs	36 hrs
Full chemical cure	12 days	7 days	7 days

SUBSTRATE

Concrete sub-base must be in line, level, properly cured and dried, free from any contaminations like oil, grease or any other chemicals. Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH and free from rising damp and ground water.



SYSTEM APPLICATION AT 5MM THICKNESS

PRIMER MIPRO-EP 2K Solvent free Epoxy Primer @ 0.250 kg/M2
EPOXY SCREED MIPRO-ETS 10 kgs/M2 (2 kgs per 1mm per M2)
SEALER MIPRO-E Sealer coat 0.300 kg/M2
TOP COATS MIPRO-EC 0.500 to 0.600 Kgs/M2 (Two Coats)

MIXING

Proper mixing is critical for the product to exhibit the proper application properties, cure properties and ultimate physical properties. Mechanical mixing is recommended. Contact us for mixing information & for further details.

APPLYING

DO NOT attempt to install material if the temperature of MIPRO-ETS components and substrate are below 10° C Material must be applied immediately after mixing. A suitable screed applicator is used to distribute the mixed MIPRO-ETS onto the floor. Steel finishing trowels are used to compact and smooth the surface of the material to the required thickness. Detailed application instruction can be found in the MIPRO-ETS Direction.

PACKING: 30 Kgs Kit of Part A+B+C

STORAGE: All the components Resin, Hardener & Filler must be kept in cool, dry place and in covered shed.

HEALTH & SAFETY: It is advisable to wear protective wears at the time of use of MIPRO-ETS 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 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 is beyond our control.

CHEMIPROTECT ENGINEERS

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