MIPRO-E-SLSC

3K EPOXY SELF LEVEL SCREED (UNDER LAY)

DESCRIPTION
MIPRO-E-SLS is a 3 component epoxy self-leveling under lay (base coat) leveling screed .

RECOMMENDED USES
As a corrective screed / underlayment for epoxy and polyurethane flooring, tile floor, vinyl sheet flooring etc, Designed to use as a self-leveling screed from 1.0 – 3.0 mm thick for patching concrete surfaces and as an underlay for carpet parquet, or vinyl coverings. Can also be used for as a repair material for cracks.

BENEFITS
Economic
Excellent chemical resistance properties
Good flow ability and workability.
Excellent water proofing
Excellent early and final mechanical strength.
Can be over-coated as early as after 24 hours.

TECHNICAL DATA

Compressive Strength	60N/mm^2
Flexural Strength	>18N/ mm^2
Abrasion Resistance	Break of Concrete (7 Days)
Density (Mixed) Approx.	2.10 kg/Lt.
Recommended dry film thickness	3 TO 10mm
No. of Component	3
Mixing Ratio by wt.	As mention on packs
Pot life	20 mins. @ 20^o C
Cleaner	Thinner
Storage & Shelf life	Sealed container @ 25^o C/12 months
Approx. coverage	2 kgs/mm/M^2

COLOURS
Light grey

SURFACE PREPARATION
Total enclosed shot blasting or scarifying should be employed followed by through vacuuming. All substrate to receive MIPRO-E-SLS must be structurally sound and free from oil, dirt, grease, laitance or any other loose foreign materials. Curing compound if used on the concrete must be compatible type to avoid de-bonding. Although the product is moisture tolerance, surface must not be pooled with standing water.

APPLICATON: Mixing Shake Pack A separately and mix well with Pack B in a mixing drum (approx. 20 liter capacity) for at least 30 seconds with a slow speed stirrer. Add Component C (Powder) into the mixed binder (A+B) and stir for at least 2 minutes until workable consistency. Viscosity can be adjusted by varying the powder content.

MIPRO-E-SLS can be modified with dry silica sand to repair critical surfaces that is deeper than 3 mm. add approximate 6-8 kg. of silica sand size 0.5 – 1.5 mm to each 27 kg. set to achieve the mortar mix required.

PRIMER: Apply MIPRO-EP as primer by roller. Avoid the formation of puddles. Allow to dry for 8-12 hours.

APPLICATION: Apply MIPRO-E-SLS within its pot life.

MethodOfApplication.
Spread MIPRO-E-SLS uniformly with a notch trowel or metal trowel and almost immediately degas with spike roller to achieve even thickness. Refrain from spiking when the initial setting of the material is observed. On very rough/ porous surface, reduce the powder content (Part C) to produce more liquid slurry for better wetting onto the surface.

HEALTH&SAFETY
Although MIPROFLOOR ECSL is a water based product, certain of its content may cause skin and eye irritation. Always use with suitable protective gears. This product is for professional use only. Please consult the relevant Health & Safety Data Sheet, available on request and sent with each delivery.

CLEAN UP: Mixing & application tools should be cleaned radically using M.E.K., xylene or toluene. Observe proper safety precautions while cleaning.

CURE TIME: If the substrate and ambient air temperature in contact with the acid resistant brick/tile construction are at 25^0 C allow a minimum of 24 hours cure time before putting the acid resistant brick/tile lining construction to its intended service.

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

CHEMIPROTECT ENGINEERS
Plot No. 2114, Phase-3, GIDC Industrial Estate, Vatva, Ahmadabad – 382 445 INDIA
Tel: 91-79-49171164 Mobile: 9054296619 Email: chemiprotect@gmail.com