

TECHNICAL DATA SHEET FOR

HYDRO-EPOXY EF

DESCRIPTION	:	High performance water-based epoxy-amine paint with excellent leveling and durability. This environmental-friendly two-pack paint has low odour and is safe to handle.
TYPE	:	Two-pack, water-based epoxy-amine for interior use only
COLOUR	:	White & Pastel Colours
FINISH	:	Gloss
USES	:	<ul style="list-style-type: none">• Premium coating for protection of internal primed cement floor.• Ideal for food preparation factory floor, canteen, pharmaceutical and hospital floors, offices and institutions where strong solvent odour is undesirable and foot traffic are rampant.
FEATURES	:	<ul style="list-style-type: none">• Water dilutable and easy to clean after application• Self-leveling with minimal shrinkage of film after curing.• Fast drying at ambient temperature.• Good resistance to common household chemicals such as mineral spirits, kerosene and detergent.• Good alkali and moisture resistance.• Abrasion resistance• Environmentally friendly water-based paint, low odour during application.• Non-toxic, does not contain lead, mercury and heavy metals.• Anti-fungus and anti-bacterial properties.• Easy application and touch-up.
APPLICATION DATA		
METHOD	:	Brush, roller or airless spray
THEORETICAL COVERAGE	:	7 m ² / litre (50 microns DFT)
DILUTION	:	No dilution is necessary for best performance
SURFACE PREPARATION	:	Ensure surface is clean, dry and stable using the following suggested surface treatments: <ul style="list-style-type: none">• Moisture :There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application

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- **Unstable matter** :Remove loose bonding film, dirt, peeling paint, etc by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is suitable
- **Contaminants** :Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry
- **Fungus and Algae** :Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution and leave on for at least 2 hours
- **Hairline cracks** :Fill cracks with suitable exterior grade water-resistant putty or filler

DRYING TIME	:	Touch Dry - 30 minutes at 30°C
OVERCOATING TIME	:	6-8 hours at 30°C
CURING TIME	:	7 days for full cure
CLEANING	:	All equipments should be cleaned with water immediately after use
RECOMMENDED PAINTING SYSTEM	:	1 coat Hydro-Epoxy Primer 2 coats Hydro-Epoxy EF

GENERAL INFORMATION

SOLID CONTENT	:	Above 60% by weight (mixture of A & B) Min. 45% by volume (mixture of A & B)
SPECIFIC GRAVITY	:	1.30 ± 3% kg/litre (mixture of A & B based on White)
NO. OF COMPONENTS	:	Supply in 2 components: Hydro-Epoxy EF Component A Hydro-Epoxy EF Component B
MIXING RATIO	:	Component A : B 1 : 2 parts (by weight) Component A : B 1 : 1.3 parts (by volume)
POT LIFE	:	Approx. 2 – 4 hours after mixing at 30°C. May vary according to ambient temperature.
PACKING	:	4.6 litres set (Hydro-Epoxy EF Component A – 2.0 litre) (Hydro-Epoxy EF Component B – 2.6 litre)

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- STORAGE** : Store in a tightly sealed container in a cool dry place.
- SHELF LIFE** : Component A : Up to 24 months in a tightly sealed container
Component B : Up to 12 months in a tightly sealed container
- PRECAUTION** : Avoid painting when the temperature is below 7°C or the humidity is over 85%.
- Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment.
- Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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