

Ujala Epoxy Enamel

Heavy Duty Protective Coating

DESCRIPTION:

Ujala Epoxy enamel paint is a Two-Pack room temperature cure Heavy Duty Protective Coating, based on Epoxy - Polyamide resin. It has the outstanding resistance to corrosive media, hydrochloride acid, alkaline materials even at elevated temperature and salt solutions including seawater. It has good toughness, scrape resistance, flexibility and hardness with good aging and weathering characteristics.

USES:

Mild steel, Galvanized steel, Aluminum structure, bamboo work, woodwork, hardboard Soft board, Cement plaster, Concrete structure, etc.

PHYSICAL PROPERTIES:

Binder	: Epoxy / Polyamide.
Pigment	: Titanium Dioxide / water resistance Mineral extender.
Solid %	: 60 +/- 2 (Depending on the colors)
Thinner / cleaner	: Epoxy Thinner
Colour	: Standard colors according to our color card
Finish	: Glossy
Viscosity	: 120 +/- 10 sec (Ford cup – 3 ASTM D 1200)
Sp. Gravity	: 0.90 – 1.14 (Depending on the colors)
Storage Life	: 12 months in sealed container
Mixing Ratio	: Base: Curing Agent (3:1 by volume)
Pot life of the Mixing Paints	: 08 Hours at 30 d.c.

TECHNICAL DATA:

Recommended Dry film Thickness (DFT)	: 22 - 26 micron
Theoretical Coverage or Spreading rate	: 23 - 19 Sq.M / liter / Coat
Practical coverage (with a loss factor of 10 %)	: 20 - 17 Sq.M / liter / Coat

DRYING TIMES:

Touch Dry	: 3 hours
Hard Dry	: 20 hours
Recoating Time	: 8 - 24 hours
Full Cure	: 7 days

SURFACE PREPARATION:

- All surface should be dry clean free from dust, grease, oil, wax, or others foreign matter. Repair surface defects before painting.
- New and unpainted masonry should be allowed to dry out thoroughly before application of this paint.
- Remove all chalked, loose or flaking paint film from previously painted surface. Prime the surface with one coat of anticorrosive red oxide or red lead or zinc chrome primer.

APPLICATION METHODS:

BRUSH / ROLLER : Stir each component individually before use, Then mix the Base and Curing Agent in proportion stated and stir thoroughly. Thin up to 5– 10 % or more by volume of Epoxy Thinner where required by the type of the surface

CONVENTIONAL SPRAY :Thin up to 10– 15 % or more by volume Epoxy Thinner where required

RECOMMENDED PAINTING SYSTEM:

Primer 1. Epoxy universal primer

Finish 2.Coat Epoxy paint

CLEANING:

Clean all equipment with Epoxy Thinner immediately after use.

PACK SIZE

4-liter Tin container
20-liter Tin drum.