

PAYNTOXY ZINC PHOSPHATE PRIMER

Epoxy Heavy Duty Zinc Phosphate Primer

Product Description

PAYNTOXY HEAVY DUTY ZINC PHOSPHATE PRIMER is a two-component polyamide cured epoxy primer designed for use as a high-performance primer for many types of metal surfaces. It is a primer that produces a good surfaces finish on applied top coats. The two-component epoxy primer contains zinc phosphate which acts as a corrosion-inhibiting pigment and has been extensively used for long-term corrosion for both ferrous and non-ferrous surfaces.

Typical Uses

PAYNTOXY HEAVY DUTY ZINC PHOSPHATE PRIMER is widely recommended for area, such as:

- Industrial facilities bridges, tank exterior, chemical plant and port facilities.
- Steel surfaces under non-immersion condition.
- Primer for both interior and exterior use.

Physical Data	
Binder	Epoxy and polyamide
Pigmentation	Zinc phosphate and inorganic pigments
Solvent	Hydrocarbon
Component	2
Finish	Matt
Application	Brush, roller and spray
Color	Red oxide
Flash point	Base 40°C and Hardener 25°C
Volume solid	68% ± 3%
Mixing ratio	4-part base (Part A) to 1 part hardener (Part B) to be mixed thoroughly prior to application
Dry film thickness	65 ~ 105 microns per coat
Wet film thickness	100 ~ 150 microns per coat
Specific gravity	Approximately 1.40 ~ 1.50
Theoretical coverage	Approximately 5 ~ 8 m ² /litre (based on substrate condition)
Drying time @30°C	Touch dry 1 ~ 2 hours
	Hard dry ≥ 8 hours
Pot life (25°C~30°C)	6 ~ 8 hours after mixing
Coats	1 or 2
Over coating Interval	8 hours minimum at 25°C ~ 30°C
Thinner/cleaner	Paynthinner 12
Shelf life	12 months in tight sealed container

* Use the above recommendations only as a guide. Variations in the number of coats and or dry film thickness may be necessary, depending upon service requirements. Such variations will alter the spreading rate and may influence the drying time and recoating interval.

Surface Preparation

Prior application of PAYNTOXY HEAVY DUTY ZINC PHOSPHATE PRIMER: -

New surface: Surfaces generally must be clean, dry and free of all loose, dirt, dust, grease, wax, oil stain and other contaminants before paint application. Surface affected by rust must be power tool cleaned to minimum SSPC-SP2 or St 2 ISO 8501- 1:1988, free from mill scale. It must be dry and free from dirt, grease, oil stain and other contaminants before paint application.

Painted surface: For a strong preceding coat, light sanding is recommended. Meanwhile for a weak preceding coat, total removal of the coat is highly recommended. Then surface must be thoroughly cleaned, dried and free of all loose, dirt, dust, oil stain and other contaminants before primer paint application.

Storage

The product must be kept in a cool, dry and well-ventilated place.

Health and Safety

See Health and Safety Section in Data Manual. Note should also be taken of all relevant legislation ruling in individual countries. Consult manufacturers safety data sheet (SDS).

Safety Precautions

Before use: Read instructions for use and precautionary labels on container.
During use: Avoid contact with skin. Ensure good ventilation during use and avoid inhalation of spray, mist and fumes. Wear suitable respiratory or face mask. Wear suitable eye protection. Avoid ingestion of paint.
Storage: Store away from heat and sources of ignition. Avoid prolonged exposure to vapors.
Disposal: Follow local and national regulations.
Spillage: Remove all sources of ignition. Avoid prolonged exposure to vapors. Clean up with absorbent materials. Ventilate area. Do not wash into drains.

Emergency Treatment

Eyes: Flush immediately with water. Seek medical advice.
Skin: Remove contaminated clothing. Use a proprietary skin cleanser. Wash well with soap and water.
Fire: Fight fire with foam or dry powder.
Inhalation: Remove into fresh air. Loosen collar and avoid excessive exertion.
Ingestion: Seek immediate medical advice. **DO NOT** induce vomiting.

Important Note:

Paynt product are warranty against defective materials. Due to different substrate and working conditions, no guarantee of an application result or any liability claims. The users are required to have a test ahead based on their intended use.