



Universal Steel Primer Zinc Phosphate

Product Description

Universal Steel Primer ZP is an alkyd primer coat based on special synthetic resin, consists of zinc phosphate to protect steel from rust.

Features and benefits

- Good corrosion and rust protection.
- Can be used for interior and exterior applications.

Typical use

- For industrial application on steel to protect against atmospheric corrosion and rust.
- Can be used under a variety of coatings, including high performance topcoat.

Substrate

Carbon steel.

Product Data

Packaging size	16 Liter
Glossy	Matt
Color	Grey
Solids by volume	51 ± 2%
Density	1.5 g/cm ³
VOC	320 g/l

Application data

The product can be applied by

Spray Recommended

Brush Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.



Cleaning of painting tools

Once mixing is complete, tools should be cleaned immediately after use with clean thinner or kerosene.

Film Thickness per coat

Dry film thickness **60 µm - 240 µm**

Theoretical spreading rate **8.3 m²/l - 2.0 m²/l**

Thinner (solvent to mix with)

White spirit

Dilution (Mix Ratio)

Maximum 10%.

Conditions during application

Do not apply if the temperature is below 10°C and not more than 40°C.

Drying and curing time **23 °C**

Surface (touch) dry **2 hr.**

Full Cure **6 hrs.**

Directions for use

Surface preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Surface must be dry.
- Rust must be removed from old steel by sand/grit blasting.

Recommended Paint System

Number of coats:

1 - 2 coats depending on the status of substrate.



Storage

- Store in cool, dry place in a well-sealed container away from moist air for 12 months.
- Keep away from heat, ignition sources and from children.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children

Health and safety

Possible Hazards: It causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.