

ZINC PHOSPHATE METAL PRIMER

PRIMER FOR METAL SURFACES

DESCRIPTION

A high quality solvent based Acrylic primer formulated for use on metal surfaces. Based on anti-corrosive zinc phosphate pigment and Acrylic resin.

USES

Ready for use on metal surfaces - ferrous (iron and steel surfaces).

- > Can be brush, roller or Spray applied.

COLOUR RANGE

- > Light Grey.

PACK SIZE

- > 5L containers.

SPREADING RATE

- > Up to 10 Square metres per litre depending on roughness of the surface.
- > Stir well before use.
- > **Do not thin.**

DRYING TIME

- > Touch dry in 2 hours.
- > Recoatable after 16-24 hours.

Curing of the coating can be extended at lower temperatures.

PREPARATION AND APPLICATION

All surfaces to be painted should be clean, dry and free from loose and flaking material. When painting Iron and steel, remove all millscale and rust. Wear a suitable face mask when creating dust. Special precautions should be taken during the surface preparation of pre 1960s paint surfaces over wood and metal as they may contain harmful lead.

Iron and Steel

Iron and steel require very thorough surface preparation and protection with a suitable and effective paint system. Poor preparation results in ineffective paint protection and service. The most effective preparatory methods for cleaning iron and steel are shot blasting, grit blasting, flame cleaning, impact needles and some forms of chemical cleaning. Hand cleaning methods are generally less effective and any scraping or wire brushing etc. must be as thorough as possible. It is imperative that as there should be no delay before priming clean iron or steel, as exposure to the air can cause surface deterioration in a very short time. Priming within one hour of preparation is advised.

New or Unpainted Iron and Steel

Remove all oil, grease etc. by solvent or proprietary cleaners, wipe off with clean dry cloths. Remove any rust or scale etc. by the most effective method to produce a suitable surface. Ensure the surface is dry and dust free. Immediately apply a coat of Metal Primer brushing well into the grooves and applying liberally to angles and edges.

Previously Painted Galvanised Iron and Steel

Where there is flaking and lifting, complete removal of the paint film by paint remover is recommended. Where paintwork is in a generally sound condition, remove any oil or grease with clean white spirit. Remove any rust to bare metal and prime or spot prime with Metal Primer.

Substrate adhesion and compatibility checks should always be carried out on the previously painted surface.

CLEANING

- > Remove as much as possible from application equipment before cleaning.
- > For cleaning equipment use Britannia Special Solvent (not white spirit).

PRECAUTIONS

- > **Flammable** keep away from sources of ignition.
- > Ensure good ventilation during application.
- > Wear gloves, goggles and suitable protective clothing.
- > In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- > Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.
- > Keep out of reach of children.
- > Do not use near fishponds.
- > Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environments.
- > Do not empty into drains.

SAFETY

Good working practice should be followed and safety/walking boards should be utilised where required.

The specification and coverage rates are given in good faith and are based on our experience and knowledge but without liability.

As Britannia Paints Limited has no direct control over the methods employed by the user in applying its products, any warranty either written or implied is given in good faith and can only cover the material itself.

If in doubt regarding any of the above points, please contact our technical services department for advice.

A Material Safety Data Sheet is available on request.

It is the users responsibility to ensure that this data sheet is current prior to using the product.



Materials and Suppliers Group



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