

GALVASHIELD METAL COATING

QUICK DRYING SOLVENT BASED METAL COATING

DESCRIPTION

A high quality solvent based semi-matt primer/finishing metal coating. Suitable for applications on most ferrous and non-ferrous metal including new galvanised metal.

USES

Industrial protection and decoration where very good adhesion to metal, (aluminium, zinc galvanizing, iron and steel) is essential. It has good adhesion to concrete.

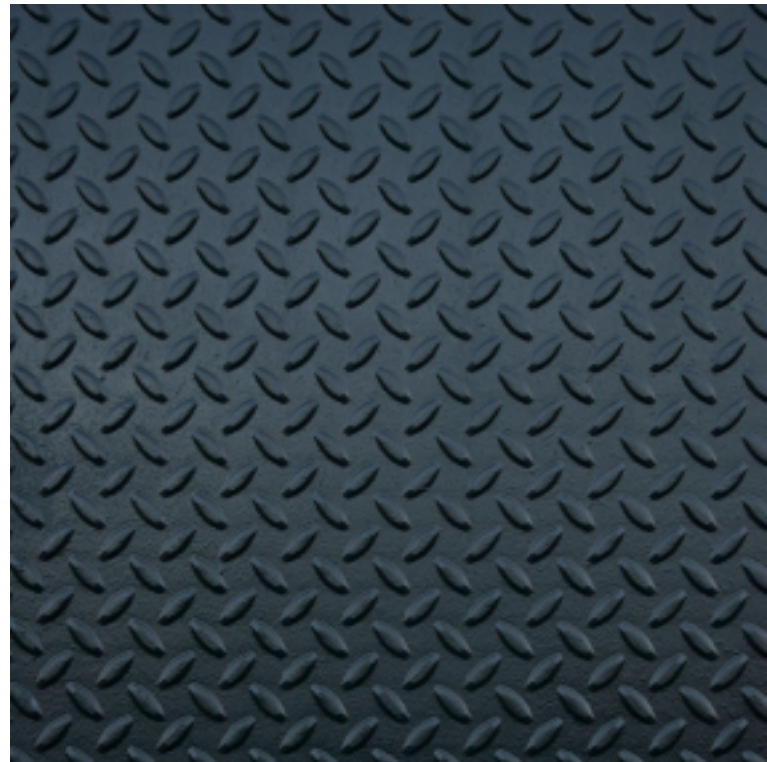
- > Can be brush or spray applied.

COLOUR RANGE

- > Black. Other colours to order.

PACK SIZE

- > 5 litre and 20 litre containers.



SPREADING RATE

- > As a guide, between 30-35 square metres per 5 litres. (6-7 square metres per litre per coat).
- > Apply 2 coats to give a total dry film thickness of 100 microns.

DRYING TIME

- > Air drying at 20°C
- > Dust Free: 15-20 mins
- > Tack Free: 3-4 hours
- > Through Dry: 24 hours

SHELF LIFE

- > Up to 2 years if stored correctly in an unopened container.

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..



Materials and Suppliers Group

CHARACTERISTICS

Good Alkali, Mineral Acid, Oil, Fat and Aliphatic Hydrocarbon resistance. Very good weather resistance. The product can be used as a primer and re-coated with itself or other finishes.

CLEANING

- > For cleaning equipment use Britannia Special Solvent (not white spirits).

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 work at temperatures of 5 degrees and falling.
- > Store in frost free conditions.
- > Store and use the product at room temperature.
- > 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.

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.



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