



UNIVERSAL GALVANISED PRIMER PRODUCT CODE: ACR00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Galvanised Primer is a water based primer designed for use on various steel substrates.

PRODUCT FEATURES AND BENEFITS

For interior and exterior on Galvanised Iron and Mild Steel

Anti-corrosive containing a rust inhibitor

Excellent adhesion

Low odour

Low VOC

Easy to apply with brush or roller

Can be overcoated with a wide range of Universal Water and Solvent Based Products

PRODUCT INFORMATION

Colour	Red & Grey
Surface Appearance	Matt
Resin Base	Acrylic Emulsion
Solids Content	By volume: Approx.55%
VOC Content	Low VOC content 0,3% to 7,99%
Spreading Rate	Theoretical Spreading Rate: 15,7m²/litre @ 35 µm DFT Practical Spreading Rate: 8,9m²/litre @ 35µm DFT Our spreading rate is calculated per coat on a smooth surface. This is a guide only. The rate will vary depending on the porosity and profile of the substrate. Tools used and application technique/ method will also have an impact on spreading rate.
Recommend WFT & DFT	55 – 73 µm WFT depending on the surface, porosity, profile and application Method 30 – 40 µm DFT depending on the surface, porosity, profile and application Method
Pack Sizes	Available in 1ℓ, 5ℓ & 20ℓ.
Storage and Packaging	Store away from direct sun, heat and severe cold Ensure the container is tightly sealed before storing. If not sealed properly and exposed to extreme temperatures, it will lead to defects such as product fouling, skinning, crystallizing and will have hard settlement.



APPLICATION INFORMATION

Always maintain a wet edge and avoid downing tools during the application to prevent lap marks and variances in colour or texture.

Work from corner to corner, or from one natural cut off point to the next. Do not attempt to touch up areas, completely repaint the whole area.

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous
Application Conditions	Surface Temperatures at 23°C Relative Humidity <50%
Recoating Time	4-6 hours to dry before over coating
Application Methods	Brush or short hair roller
Thinner	Is ready for use, do not thin
Cleaning of equipment	Rinse thoroughly with warm water.
Substrates	Suitable for Galvanised Iron and Mild Steel

SURFACE PREPARATION

NEW SURFACES

The substrates must be clean, dry and sound and free of rust.

Wash the entire substrate with Universal Zinc Cleaner (Degreaser) until all the manufacture's oils are removed and a water-break free has been achieved.

Ensure the all rusted areas have been sanded down to bright metal, using a steel wire brush, sand paper or grinder.

Apply one coat of Universal Galvanised Primer.

The entire surface can now be coated with a Universal water based or solvent based top coat.

PREVIOUSLY COATED SURFACES

The substrates must be clean, dry and sound

Remove all loose and flaking paint

Remove all dust, foreign material, fungal and algae growth, which is to be treated with Universal Fungal Wash, then apply one coat of Universal Galvanised Prime

Ensure that all the rusted areas are sanded down to bright metal using a steel wire brush, sand paper or grinder

Spot prime using Universal Galvanised Primer to the bare metal and repaired areas then apply one coat Universal Galvanised Primer to the entire surface

The entire area can now be coated with a Universal water based or solvent based top coat



CAUTIONS

To ensure colours on the project are consistent, always check the batch numbers and product codes are the same on every container. If batch numbers are different, try mixing all the batches together in a large container so that there is colour consistency.

It is preferable to buy all the paint you need at one time and in the largest possible pack size for convenience and to reduce the chances of slight colour variations between batches

The correct surface preparation is critical to ensure optimum performance of the paint system

Avoid painting during inclement weather

Don't wash, or wet, painted surfaces for 7 days after painting

High humidity will retard the drying and curing

Procedure to change a system from solvent to water based OR water to solvent based.

1. Sand surface slightly with fine sandpaper to break down the existing surface to a matt finish.
2. Dust off any loose dirt contaminants.
3. Clean the surface with soap solution.
4. Rinse well with clean water.
5. Allow the surface to dry completely.
6. Apply one coat of universal undercoat.
7. Apply two coats of the selected top coat (solvent or water based).

SAFETY PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

This product is lead free, does not contain any toxic substances and contains low levels of VOC

Only use in well-ventilated areas and do not eat, drink or smoke whilst using this product

Empty containers are suitable for recycling. But caution must be exercised in the disposal of used containers

DISCLAIMER

Universal Paints cannot be held liable if the product fails due to improper surface preparation or application