

PRODUCT DATA SHEET

ADVANCED RANGE OF LIGHT INDUSTRIAL COATINGS

Date: November 2023

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Metal Galv Cleaner



Product Description

A water based ready-for-use cleaning solution for new and weathered galvanised iron sheeting prior to painting it. It contains chemicals that will remove storage oils and grease from the surface and etching agents to provide a 'key' for subsequent re-painting.

Composition

Water based cleaning liquid containing Phosphoric Acid.

Physical Properties

Colour:	Blue Transparent Liquid
Appearance:	Blue Transparent Liquid
SG:	0.97 - 1.02
Shelf Life:	12 Months
Pack Size:	5 Lt and 20 Lt (200 Lt Available on Request)

Application Properties and Methods

Method:	Wash the surface using a bristle brush (NB - not a steel bristle brush as the steel bristles will react with the phosphoric acid in the Metal Galv Cleaner) or High Pressure Spray.
Spread Rate:	Variable due to surface type, but typically 15 - 18m ² /l can be cleaned on corrugated iron or I.B.R Sheetting.
Overcoating Time:	See Precautions below.
Cleaning Solvent:	Water.
Recommended Systems:	As a cleaning agent for new galvanised iron or weathered galvanised iron.

Surface Application

New Galvanised Iron Sheetting:

- Apply the cleaner using a washing action using a stiff bristle brush or a stiff cloth (not a steel bristle brush!) and wash the surface to remove oil and contaminants.
- Work in small, manageable areas so the product is in contact with the surface long enough for the etching action to occur (30 to 60 Sec's)
- Rinse off with clean water until a "water-break free" surface is achieved.
- Residual acid from the cleaner will weaken the paint applied. Ensure all residual acid is removed. Check with Litmus paper if not sure.
- **DO NOT LET THE CLEANER DRY OUT OR REMAIN IN CONTACT WITH THE SURFACE FOR LONGER THAN 15 MINUTES.**
- Once the surface has been cleaned it must be primed before any oxidation can occur. For inland areas the priming must take place a maximum of 18 Hrs after cleaning. For coastal areas it is advised to recoat as soon as the surface is dry (do not leave for longer than 4 Hrs as oxidation will begin).

Old Weathered Galvanised Iron:

- For removal of surface oxidation apply the cleaner as for New Galvanised Iron above.
- If any red rust is showing, it must be removed after cleaning by using mechanical abrasion (sandpaper or wire-brush) to remove all traces of red rust back to the bright bare metal prior to re-painting.

Precaution

Toxicity: Contains Phosphoric Acid
Refer to Material Safety Data Sheet (M.S.D.S) for more information.

SPECIAL WARNING:

- Keep out of reach of children.
- Not suitable on Zinc-alum or zinc coated aluminium products.
- This product contains acid. Care should be used in handling.
- Apply using gloves and eye protection.
- Do not smoke whilst using this product.

No guarantees are implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.