

PRODUCT DATA SHEET

ADVANCED RANGE OF LIGHT INDUSTRIAL COATINGS

Date: January 2026

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Metal Etch Primer



Product Description

A specially formulated quick-drying anti-corrosive etch primer for use on mild steel, aluminium, galvanised iron and smooth metal surfaces. Can also be used as a primer on PVC piping & gutters where adhesion is difficult to obtain. Provides an excellent surface for recoating with conventional primers, enamels and epoxy tar compounds. Not to be recoated with normal epoxy enamels.

Composition

Polyvinylbutyl-phenolic resin and modified zinc phosphate.

Physical Properties

Colour:	Grey, Red, Black and White
Appearance:	Semi-Gloss Finish
Viscosity:	60 - 75"FC4@25°C
SG:	0.89 - 0.94
Mass Solids:	24 - 29%
Volume Solids:	16 - 21%
Shelf Life:	12 Months
Storage Conditions:	Normal
Pack Size:	1Lt, 5Lt, 25Lt and 200Lt

Application Properties

Method:	Spray
Average Dry Film Thickness:	15 - 25 microns (Recommended)
Theoretical Spreading Rate:	7m ² per litre
Wet Film Thickness:	50 microns
Number of Coats:	1 or as required
Drying Time:	Surface 5 -10 Mins; Hard 2 Hrs Max. Recoating times for epoxies & urethanes - 48 Hrs
Overcoating Time:	Minimum of 2 - 4 Hrs depending on which top-coat is applied.
Thinning:	Etch Thinner
Cleaning Solvent:	Etch Thinner
Recommended Systems:	As a wash primer before applying a top coat.

Precaution

Refer to Material Safety Data Sheet (M.S.D.S)

Flash Point: 23°C

Toxicity: See Material Safety Data Sheet (M.S.D.S)

Surface Preparation

- Surfaces must be sound, clean and dry. Clean steel and galvanised iron with **NJR Steel Advanced Range Degreaser** and rinse thoroughly.
- Preferably shot blast to Sa 2.5 - Swedish std SIS 05-5900

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.