

PRODUCT DATA SHEET

ADVANCED RANGE OF LIGHT INDUSTRIAL COATINGS

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THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Pro-Steel 2-in-1

SOLVENT BASED



Product Description

A fast drying gloss enamel (touch dry in 30 mins), suitable for application direct to properly cleaned mild steel. Two coats of **NJR Steel Advanced Range Pro-Steel 2-in-1 Solvent Based** are suitable for most applications and there is no primer or undercoat required. The product contains anti-corrosive pigments to provide improved corrosion protection compared to a conventional 3 coats system (i.e. one coat economical QD Red Oxide Primer followed with two coats of normal QD Enamel top coat). The product has excellent adhesion to steel and improved UV Resistance compared to normal QD Enamels.

Physical Properties

Colour:	Various as per standard colour card
Appearance:	Gloss Finish
Viscosity:	90"FC4@23°C
SG:	0.95 - 1.05
Mass Solids:	40-50%
Volume Solids:	30-40%
Shelf Life:	12 Months
Pack Size:	1Lt, 5Lt, 25Lt and 200Lt

Application Properties

Method:	Conventional spray or dipping
Average Dry Film Thickness:	30 - 50 microns (Recommended)
Theoretical Spreading Rate:	6 - 8m ² /l per coat at an average DFT of 50 microns (this depends on application method and colour)
Wet Film Thickness:	60 - 100 microns
Number of Coats:	2 - 3, or as required (depends on substrate and colour)
Drying Time:	Touch Dry 15 - 30 Mins; Hard 30 Mins to 90 Mins (at recommended WFT at 25°C)
Overcoating Time:	The product can be overcoated within 60 mins of the first coat. The product must be recoated within a 12 Hr window period of the first coat. If the product is overcoated once the window period has elapsed, the paint film can wrinkle.
Thinning:	The product can be thinned using QD Thinners for spray application. Lacquer Thinners is not recommended! Typical thinner ratio starts at one part thinner to 5 parts paint (this depends on type of spray method and surface).

Precaution

- Do not spray in temperatures below 10°C or over 40°C.
- Do not spray if the relative humidity exceeds 85%. Do not apply in damp or wet weather as the product can develop an opaque appearance (i.e. blushing)
- Flash Point below 23°C.

Storage

- Store away from direct sun, heat and extreme cold.
- Keep stored below 23°C where possible.
- Refer to Material Safety Data Sheet (M.S.D.S) for more information.

Surface Preparation

All surfaces must be free from dirt, dust, grease, oil and other contaminants.

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.