



Systems Specifications Maintenance Repaint

Surface Preparation: No paint system will give optimum performance over poorly prepared surfaces. Painting over dirt, dust or contaminated surfaces is wasteful in terms of time, materials and labour.

The aim in preparation is to remove contamination, glossiness and defect of the surface in order to provide a physically sound and chemically clean surface. Ensure surfaces are degreased and free of contamination using [Protective Paints A925 - Metal degreaser](#) (follow instructions as per data sheet). Ensure surfaces are free from preparation debris and are clean and dry. Apply 1st coat within 4 hours of abrasive blasting. Practical coverage is project dependent.

All data sheets can be found at the back of this manual.

DFT = Dry Film Thickness **WFT** = Wet Film thickness **TDF** = Total Dry Film thickness

Spec 020 - Alkyd System for Mild Steel and Hot dipped Galvanizing

<u>Internal / External Mild Exposure</u> *5 - 8 years to first maintenance to AS/NZ 2312	Away from coast and industrial activity Power tool clean to rust effected area to AS 1627.2 Class 3 Abrade coating feathering edges removing gloss/chalking
<u>1st Coat</u>	Apply Corroless S1 or S2 at 80 µ WFT (35 µ DFT)
<u>2nd and 3rd coat</u>	Apply Corroless RF 15 at 120 µ WFT (60 µ DFT) tinted to approved colour

TDF = 155 microns minimum

Spec 021- Epoxy System 1 System for Mild Steel and Hot dipped Galvanizing

<u>Internal / External Wet Exposure</u> *8 – 10 years to first maintenance to AS/NZ 2312	Preparation: Abrasive Blasting Sa 3 of AS 1627.9. Two pack system
<u>1st coat:</u>	Apply Corroless E at 90 µ WFT(50 µ DFT)
<u>2nd and 3rd</u>	Apply Corroless RF 60 at 50 µ WFT (30 DFT)

TDF = 110 microns minimum

Spec 022 - Epoxy System 2 System for Mild Steel and Hot dipped Galvanizing

<u>External/Coastal Marine Exposure</u> *13 – 15 years to first maintenance to AS/NZ 2312	Less Than 10 km from coastal areas of industrial activity Power tool clean to rust effected area to AS 1627.2 Class 3 Abrade coating feathering edges removing gloss/chalking
<u>1st coat:</u>	Apply Corroless EP at 210 µ WFT(200 µ DFT)
<u>2nd and 3rd</u>	Apply Corroless RF 60 at 50 µ WFT (30 DFT) tinted to approved colour

TDF = 260 microns minimum

Specification subject to NZS/AS 1627; Preparation of surfaces NZS/AS 2312 Protection of mild steel; AS 3894
Determination of Dry Film thickness

***General Metal Protection and Maintenance Schedule:**

The main task of the protective coatings is to prevent or control corrosion. During its service life a protection coating system deteriorates as a result of exposure to ultra violet light, moisture, fluctuating temperatures, chemicals, abrasion and many other possible factors.

It is thus recommended that a preventative maintenance schedule be followed to attain the optimum performance from the coating system.