



Generic Paint Specification 1223D

E2300, E2100MIOX, E9000 for Galvanized Steel Coating in C4 Env. 15 – 25 Years

Substrate	Galvanized Steel
Environment	AS/NZ D High (C4)
Products	Envirothane 2300 Two Pack Epoxy Waterborne Anti corrosive Primer
	Envirothane 2100 MIOX Two Pack Waterborne Epoxy Buildcoat
	Envirothane 9000 Water borne Fluoropolymer

Preparation:

Preliminary cleaning:

Thoroughly degrease the surface to remove all contaminants as per AS 1627.1

Brush (sweep) Blast Clean as per Std. AS 1627.4 Appendix D, or if not possible hand abrade thoroughly to achieve a surface profile of 10 – 15 microns.

This Generic Paint Specification must be read having regard to the Notes below.

Notes:

This specification is a generic specification. This specification must be read in conjunction with all relevant Product Data Sheets and Safety Data Sheets. This specification is offered free of charge and as a guide only. To the extent permitted by law, A&I Coatings liability with respect to the Products is limited to supply of replacement materials and no further liability for failure of the Product or associated costs will be borne by A&I Coatings. Being a generic specification, there may be situations or conditions not considered that could influence the performance or appearance of the finished product. You must ensure this specification is suitable for your project by contacting your A&I Coatings representative prior to purchasing the Product. Product usage rates given in this specification are an indication only and do not allow for any wastage or variation due to factors beyond the control of A&I Coatings.



Application

1. Apply first Coat of Envirothane 2300 Anti Corrosive Primer to achieve 75 um DFT as per Data Sheet 195
2. Apply two coats of Envirothane 2100 MIOX wet on wet to achieve 250 um DFT as per Data Sheet 199.
3. Apply 1-2 coats of Enviroflon 9000 W/B Fluoropolymer topcoat to achieve 50µm DFT as per Data Sheet 245.

Product	Data Sheet	Application Method	Dry Film Thickness Microns	Theoretical Spreading Rate M ² /L	No. of Packs	Mixing Ratio	Pot Life @ 25C	Thinner	Clean Up Solvent	Recoat Time At 25°C
E2300	195	AS/CS	75	5.7	2	4:1	2	Water	Water	6 Hours – 1 week
E2100 MIOX	199	AS/CS	250	2.2	2	3:1	1	Water	Water	2.5 – 48 Hours
E9000	245	AS/CS	50	7.2	2	12:1	2.0	Water	Water	2 Hours

AS = Airless Spray, CS = Conventional Spray, AGS = Agitated Spray,

R = Roller, B = Brush

This Generic Paint Specification must be read having regard to the Notes below.

Notes:

This specification is a generic specification. This specification must be read in conjunction with all relevant Product Data Sheets and Safety Data Sheets. This specification is offered free of charge and as a guide only. To the extent permitted by law, A&I Coatings liability with respect to the Products is limited to supply of replacement materials and no further liability for failure of the Product or associated costs will be borne by A&I Coatings. Being a generic specification, there may be situations or conditions not considered that could influence the performance or appearance of the finished product. You must ensure this specification is suitable for your project by contacting your A&I Coatings representative prior to purchasing the Product. Product usage rates given in this specification are an indication only and do not allow for any wastage or variation due to factors beyond the control of A&I Coatings.



TOTAL MIN DRY FILM THICKNESS: 425 microns

Allow to cure for min.2 days @ 21°C before service

- . Note: The dry film thicknesses quoted in this Recommendation are the minimum to be achieved. Do not exceed specified thickness by more than 30%.

The specified film thickness for each coat shall be achieved prior to the application of the subsequent coat.

Any edges and welds shall have a stripe coat of each specified coating applied to them, to ensure correct film build is achieved, and to maximise the effectiveness of the paint system.

On completion of painting, all crevices shall have a suitable type silicone or mastic sealant applied into them as per manufacturer's instruction to aid in corrosion prevention.

This Generic Paint Specification must be read having regard to the Notes below.

Notes:

This specification is a generic specification. This specification must be read in conjunction with all relevant Product Data Sheets and Safety Data Sheets. This specification is offered free of charge and as a guide only. To the extent permitted by law, A&I Coatings liability with respect to the Products is limited to supply of replacement materials and no further liability for failure of the Product or associated costs will be borne by A&I Coatings. Being a generic specification, there may be situations or conditions not considered that could influence the performance or appearance of the finished product. You must ensure this specification is suitable for your project by contacting your A&I Coatings representative prior to purchasing the Product. Product usage rates given in this specification are an indication only and do not allow for any wastage or variation due to factors beyond the control of A&I Coatings.