

**5D PAINT SPECIFICATION FOR HOT DIPPED GALVANIZED STEEL .
 UNITED PAINTS REF: UNIEPOXY POLYAMIDE PRIMER, EPOXYGUARD & UNITHANE**



PAINT SYSTEMS FOR HOT DIPPED GALVANISED STEEL TO AS/NZS 4680 TABLE 7.1

**AS PER THE GUIDE TO THE PROTECTION OF STRUCTURAL STEEL AGAINST ATMOSPHERIC CORROSION BY THE USE OF PROTECTIVE COATINGS
 AS/NZS 2312.1.2014 PART 2: HOT DIP GALVANIZING**

Coating system details													Durability - Years to First Maintenance of paint component of duplex system			
System No	Service qualities	Surface preparation	1st Coat			2nd Coat			3rd Coat			Total nom DFT μm	Atmospheric corrosivity category			
			Type	PRN	No m DFT μm	Type	PRN	Nom DFT μm	Type	PR N	Nom DFT μm		C2 Low	C3 Med	C4 High	C5-I Very high
5D	Protective Long Term Industrial	Degrease, wash and dry followed by sweep blast cleaning	Epoxy Primer (2-pack) Inhibitive	C06	75	High Build Epoxy (2-pack)	C13	225	Polyurethane or acrylic gloss (2-pack)	C2 6 or C3 3	100	400	>15	>15	>15	10-15

United Paints Product Specification: 5D

System	Data Sheet	Application Method	Theoretical Cover m^2/lit	D.F.T. microns	M.F.T. microns	Pack Type	Pot Life Hrs	Reducer	Recoat min (hr)
5D: 1st Coat Uniepoxy Polyamide Primer	Uniepoxy Polyamide Primer	Airless Spray	6.7 m^2 / lit	75 micron	150 micron	Two	6	Epoxy Thinner	4-6
2nd Coat Epoxyguard	Epoxyguard	Airless Spray	3.1 m^2 / lit	225 micron	321 micron	Two	4	Epoxy Thinner	10
3rd Coat Unithane *SEE NOTE 5	Unithane	Airless Spray	4.6 m^2 / lit	100 micron	217 micron	Two	4	Unithane Thinner	6

Notes:

1. MSD Sheets are available on request or via our Website www.unitedpaints.co.nz
2. Confirm correct colours with project supervisor before application.
3. Practical coverage is project and applicator dependant.
4. This specification must be read in conjunction with the relevant data sheets and documentation
5. Multiple coats may be needed to achieve DFT.