

**3I PAINT SPECIFICATION FOR HOT DIPPED GALVANIZED STEEL .  
UNITED PAINTS REF: UNIEPOXY POLYAMIDE PRIMER & 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 $\mu\text{m}$	Atmospheric corrosivity category			
			Type	PRN	No m DFT $\mu\text{m}$	Type	PRN	Nom DFT $\mu\text{m}$	Type	PRN	Nom DFT $\mu\text{m}$		C2 Low	C3 Med	C4 High	C5-I Very high
3I	Wear and Tear Industrial	Degrease, wash and dry followed by sweep blast cleaning	Epoxy Primer (2-pack) Inhibitive	C06	75	High Build Epoxy (2-pack)	C13	150				225	>15	10-15	10-15	5-10

**United Paints Product Specification: 3I**

System	Data Sheet	Application Method	Theoretical Cover $\text{m}^2/\text{lt}$	D.F.T. microns	M.F.T. microns	Pack Type	Pot Life Hrs	Reducer	Recoat min (hr)
<b>3I:</b> 1st Coat Uniepoxy Polyamide Primer	Uniepoxy Polyamide Primer	Airless Spray	6.7 $\text{m}^2 / \text{lit}$	75 micron	150 micron	Two	6	Epoxy Thinner	4-6
2nd Coat Epoxyguard	Epoxyguard	Airless Spray	3.1 $\text{m}^2 / \text{lit}$	150 micron	326 micron	Two	4	Epoxy Thinner	8

**Notes :**

- MSD Sheets are available on request or via Website [www.unitedpaints.co.nz](http://www.unitedpaints.co.nz)
- Confirm correct colours with project supervisor before application .
- Practical coverage is project and applicator dependant .
- This specification must be read in conjunction with the relevant data sheets and **supporting documentation** attached.
- Multiple coats may be needed to achieve DFT.**