

**PUR1 PAINT SPECIFICATION FOR STRUCTURAL STEEL .**  
**UNITED PAINTS REF: EPOXYMASTIC & UNITHANE**



System Ref: PUR1 – AS/NZS 2312.1:2014

**PAINT SYSTEMS FOR STEEL**

Coating system details													Durability - Years to first maintenance						
System designation	ISO 12944-5 designation (Note 1)	Surface preparation	1st Coat			2nd Coat			3rd Coat			Total nom DFT µm	Atmospheric corrosivity category						
			Type	PRN	Nom DFT µm	Type	PRN	Nom DFT µm	Type	PRN	Nom DFT µm		C1 Very Low	C2 Low	C3 Med	C4 High	C5-I Very high industrial	C5-M Very high marine	T Inland Tropical
<b>Polyurethane – Two Pack, Solvent-borne</b>																			
PUR1		St 3	Epoxy Mastic	C32	125	Polyurethane Gloss	C26	50	-	-	-	175	*	10-15	5-10	2-5	-	-	5-15

**United Paints Product Specification: PUR1**

**Surface Preparation: All Steel will need to be prepped to an St 3 standard as per AS/NZS 2312.1:2014 Specification**

System	Data Sheet	Application Method	Theoretical Cover m <sup>2</sup> /lt	D.F.T. microns	M.F.T. microns	Pack Type	Pot Life Hrs	Reducer	Recoat min (hr)
<u>PUR1:</u> 1st Coat Epoxy mastic	Epoxy mastic	Airless Spray	5.6 m <sup>2</sup> / lit	125 micron	179 micron	Two	4	Epoxy Thinner	8
2nd Coat Unithane	Unithane	Airless Spray	9.2 m <sup>2</sup> / lit	50 micron	109 micron	Two	4	Unithane Thinner	8

*this specification is subject to*

*NZS/ AS 1627  
 NZS/ AS 2312.1:2014  
 AS 3894 – 3*

*Metal finishing , Preparation and Pretreatment of surfaces .  
 Guide to protection of Iron and Steel .  
 Determination of Dry film thickness .*

**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.