

PUR6 PAINT SPECIFICATION FOR STRUCTURAL STEEL .
UNITED PAINTS REF: EPOXYMASTIC, EPOXYGUARD & UNITHANE



System Ref: PUR6 – 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

POLYURETHANE – TWO PACK, SOLVENT BORNE

PUR6		St 3	Epoxy Mastic	C32	75	HB Epoxy	C13	75	Polyurethane gloss HB	C15	75	225	*	15-25	10-15	5-10	2-5	2-5	5-15
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United Paints Product Specification: PUR6

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 ² /lt	D.F.T. microns	M.F.T. microns	Pack Type	Pot Life Hrs	Reducer	Recoat min (hr)
PUR6: 1st Coat Epoxy mastic	Epoxy mastic	Airless Spray	9.3 m ² / lit	75 micron	107micron	Two	6	Epoxy Thinner	4
2nd Coat Epoxyguard	Epoxyguard	Airless Spray	9.3 m ² / lit	75 micron	107 micron	Two	4	Epoxy Thinner	10
3 rd Coat Unithane <i>*SEE NOTE 5</i>	Unithane	Airless Spray	6.1 m ² / lit	75 micron	163 micron	Two	4	Unithane Thinner	6

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 our Website 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 documentation
- Muliple coats may be needed to achieve DFT.