

PSL1 PAINT SPECIFICATION FOR STRUCTURAL STEEL .
UNITED PAINTS REF: UNIEPOXY ZINC RICH & PSEUDOTHANE



System Ref: PSL1 – 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
POLYSILOXANE																			
PSL1		Sa 2 ½	Zinc Rich Primer	C01a C02	75	Organic Polysiloxane	C37	125	-	-	-	200	*	15-25	10-15	5-10	-	-	15-25

United Paints Product Specification: PSL1

Surface Preparation: All Steel will need to be prepped to an Sa 2½ 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)
<u>PSL1:</u> 1st Coat Uniepoxy Zinc Rich	Uniepoxy Zinc Rich	Airless Spray	8.4 m ² / lit	75 micron	119 micron	Two	6	Epoxy Thinner	4
2nd Coat Pseudothane *see note 5	Pseudothane	Airless Spray	3.7 m ² / lit	125 micron	272 micron	Two	4	Pseudothane 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
- 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.