

PSL3 PAINT SPECIFICATION FOR STRUCTURAL STEEL .
UNITED PAINTS REF: UNIEPOXY POLYAMIDE PRIMER, EPOXYGUARD & PSEUDOTHANE



System Ref: PSL3 – 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																			
PSL3		Sa 2 ½	Epoxy Primer	C06	75	HB Epoxy	C13	175	Organic Polysiloxane	C37	75	325	*	25+	25+	15-25	15-15	10-15	25+

United Paints Product Specification: PSL3

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)
PSL3: 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	4 m ² / lit	175 micron	250 micron	Two	4	Epoxy Thinner	10
3 rd Coat Pseudothane *SEE NOTE 5	Pseudothane	Airless Spray	6.1 m ² / lit	75 micron	163 micron	Two	4	Pseudothane 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
- Multiple coats may be needed to achieve DFT.