

# Protective Paints Steel Painting Systems - AS/NZS 2312.1

Coating System Details									Durability / Years to first maintenance					
System Designation	Surface Preparation	1st Coat		2nd Coat		3rd Coat		Total Nom DFT µm	Atmospheric corrosivity category					
		Product	Nom DFT µm	Product	Nom DFT µm	Product	Nom DFT µm		C1 Very Low	C2 Low	C3 Med	C4 High	C5-I Ind Very High	C5-M Mar Very High
<b>ALKYD</b>														
ALK1	St 3 / Sa 2	919 Zinc Phos	40	-	-	-	-	40	5+	0-5	-	-	-	-
ALK3	St 3 / Sa 2	919 Zinc Phos HB	75	8300 Duralon Gloss	40	-	-	115	15+	5-15	2-5	-	-	-
ALK6	St 3 / Sa 2	919 Zinc Phos	40	840 Cyclamica	40	840 Cyclamica	40	120	25+	10-25	5-10	2-5	-	-
<b>ACRYLIC / LATEX - SINGLE PACK</b>														
ACL1	St 3	973 Corrodex Rust Inhibiting Primer - alkyd	40	A096 Duaglo S/G 300 Timber Finish L/S 360 Roof Paint Gloss	40 40 40	A096 Duaglo S/G 300 Timber Finish L/S 360 Roof Paint Gloss	40 40 40	120 120 120	15+	5-15	2-5	-	-	-
ACL3	Sa 2 1/2	155 Epoxy Zinc Primer	75	A793 Corroless RF35	125	A096 Duaglo S/G 300 Timber Finish L/S 360 Roof Paint Gloss	40 40 40	240 240 240	-	25+	15-25	10-15	5-10	5-10
ACL4	Sa 2 1/2	A793 Corroless RF35 - epoxy	250	A096 Duaglo S/G 300 Timber Finish L/S 360 Roof Paint Gloss	40 40 40	-	-	290	25+	15-25	10-15	5-10	2-5	2-5
<b>POLYURETHANE</b>														
PUR2	Sa 2 1/2	199BZP Epoxy Primer	75	343 Polyurethane Gloss	50	-	-	125	25+	10-25	5-10	2-5	-	-
PUR3	Sa 2 1/2	199BZP Epoxy Primer	75	158 Hi build Epoxy	125	343 Polyurethane Gloss	50	250	25+	25+	15-25	10-15	5-10	5-10
PUR5	Sa 2 1/2	155 Epoxy Zinc Primer	75	A793 Corroless RF35	200	343 Polyurethane Gloss	50	325	25+	25+	25+	25+	15-25	15-25
<b>EPOXY - HIGH BUILD - DFT 125 - 500 µm PER COAT</b>														
EHB3	Sa 2 1/2	199BZP Epoxy Primer	75	A793 Corroless RF35	200	-	-	275	25+	15-25	10-15	5-10	2-5	2-5
EHB4	Sa 2 1/2	155 Epoxy Zinc Primer	75	A793 Corroless RF35	200	-	-	275	25+	25+	15-25	10-15	5-10	5-10
EHB5	Sa 2 1/2	199BZP Epoxy Primer	75	828 Miox Epoxy	125	828 Miox Epoxy	125	325	25+	25+	15-25	10-25	10-15	10-15
EHB6	Sa 2 1/2	155 Epoxy Zinc Primer	75	828 Miox Epoxy	125	828 Miox Epoxy	125	325	25+	25+	25+	25+	10-15	15-25
<b>EPOXY MASTIC - SURFACE TOLERANT</b>														
EPM2	St 3	467 Masterbond	75	467 Masterbond	75	-	-	150	25+	10-25	5-10	2-5	-	-
EPM3	St 3	467 Masterbond	200	467 Masterbond	200	-	-	400	25+	15-25	10-15	5-10	2-5	2-5
St3 = Power tool cleaning refer AS1627.3    Sa 2 1/2 = Abrasive Blast Cleaning refer AS1627.4    DFT = Dry film thickness in microns														
Proper surface preparation and application is required to achieve these results. Not following these preparation and application requirements will negate Protective Paints Ltd guarantee of durability.														