

# PERFORMANCE & COST COMPARISON:

## HDG & PRIMARY PAINT COATINGS FOR STEEL

Protective Coating System	ASNZS Code	\$ Upfront Cost^	Environment	Coat 1	Coat 2	Coat 3	Total DFT um	Corrosivity Environment					
								C1 Very Low	C2 Low	C3 Medium	C4 High	C5 Very High	CX Extreme
								Life Minimum to Maximum					
<b>Hot Dip Galvanizing to AS/NZS 4680</b>	<b>HDG600</b>	<b>\$850</b>	<b>All Environments</b>	<b>HDG 85 um</b>	<b>n/a</b>	<b>n/a</b>	<b>85</b>	<b>-</b>	<b>50+</b>	<b>40-100</b>	<b>20-40</b>	<b>10-20</b>	<b>3-10</b>
												<b>C5-I Very High Industrial</b>	<b>C5-M Very High Marine</b>
Paint Coatings Applied to AS2312.1								Years to First Maintenance*					
Acrylic Latex	ACL2	\$1,703	Mild to moderate environments	Zinc primer	Acrylic Latex	Acrylic Latex	155	25+	15-25	10-15	5-10	2-5	2-5
Acrylic Two Pack Solvent Bourne	ACC5	\$1,774	Moderate to aggressive environments	Zinc Rich Primer	High Build Epoxy	Acrylic 2 Pack	250	-	25+	15-25	10-15	2-5	5-10
Aklyd	ALK3	\$1,336	Not for wet or chemical environments	High Build Alkyd Primer	Alkyd Gloss	-	115	15+	5-15	2-5	-	-	-
Polyurethane Two Pack	PUR4	\$1,804	Excellent colour & gloss retention	Zinc Rich Primer	High Build Epoxy	Polyurethane Gloss	250	-	25+	15-25	10-15	5-10	5-10
Epoxy Very High Build	EVH3	\$1,691	Excellent water & chemical resistance	Very High Build Epoxy	-	-	475	-	25+	15-25	10-15	5-15	5-15
Epoxy High Build	EHB4	\$1,545	Excellent water & chemical resistance	Zinc Rich primer	High Build Epoxy	-	275	-	25+	15-25	10-15	5-10	5-10
Epoxy Mastic	EPM3	\$1,616	Excellent water & chemical resistance	Epoxy mastic	Epoxy Mastic	-	150	25+	10-25	5-10	5-10	2-5	2-5
Inorganic Zinc Silicate	IZS3	\$1,375	High weather, heat, solvent & abrasion resistance	Inorganic Zinc Silicate	-	-	125	25+	25+	25+	25+	5-10	15-25
Polysiloxane	PSL1	\$1,755	Excellent heat & UV resistance	Zinc Rich Primer	Organic Polysiloxane	-	125	-	15-25	15-25	10-15	-	-

^ Estimated Price per Tonne for Paint Coatings calculated used NACE4088 (\$AUD/sqm) and 25m<sup>2</sup> Applied per Tonne.

\*Years to First Major Maintenance, usually to 2% surface rust. Maintenance to restore colour or gloss may be required earlier than stated years.

NB: Estimates will fluctuate with exchange rate changes