





















## Bolt, Screw, Nut, Washer and Anchor Coatings

	Icon/Coating	Standard	Coating Thickness	Corrosion Resistance	Description
<b>HDG</b>	 Hot Dip Galvanised	AS/NZS 1214	50µm	<b>High</b>	HDG products are used where a high level of corrosion resistance is required. HDG products are recommended for long term outdoor applications.
<b>MGAL</b>	 Mechanically Galvanised	ISO 12683	50µm	<b>High</b>	MGAL provides better abrasion resistance than HDG and does not introduce any risk of hydrogen embrittlement. MGAL products provide similar corrosion resistance to HDG.
<b>ZFS</b>	 Zinc Flake Silver	ISO 10683	10µm	<b>High</b>	ZFS provides high corrosion resistance without introducing any risk of hydrogen embrittlement. Thin coating thickness allows external thread to be mated with standard internal thread (no over-tapping).
<b>R1000</b>	 R1000 Hours Protective Coat	Proprietary Coating Specification	20µm	<b>High</b>	Zinc with a ceramic top coat. The ceramic has a high hardness making this coating suitable for products that need significant abrasion resistance.
<b>Z/P</b>	 Zinc Plated (RoHS Compliant)	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a transparent conversion layer. Z/P products are recommended for indoor and noncorrosive environments.
<b>ZYP</b>	 Zinc Yellow Passivate	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a iridescent yellow conversion layer. ZYP products have a greater resistance to corrosion than Z/P and are recommended for low-corrosion environments or temporary fixing.
<b>PLN</b>	 Plain (No Coating)	-	-	-	No additional coating applied. Products are supplied lightly oiled to inhibit rust in the packaging and assist with installation.










## Self Drilling Screw Coatings

	Icon/Coating	Standard	Coating Thickness	Corrosion Resistance	Description
<b>CL3</b>	 Class 3 	AS/NZS 3566.2	21µm	<b>Moderate</b>	Mechanically galvanised for external use in mild, moderate industrial or marine environments. Corrosivity categories C2 and C3 classified in accordance with ISO 9223.
<b>CL4</b>	 Class 4 	AS/NZS 3566.2	38µm	<b>High</b>	Mechanically galvanised for external use in severe marine environment. Corrosivity category C4 classified in accordance with ISO 9223.
<b>R1000</b>	 R1000 Hours Protective Coat	Proprietary Coating Specification	20µm	<b>High</b>	Zinc with a ceramic top coat. The ceramic has a high hardness making this coating suitable for products that need significant abrasion resistance.
<b>R1500</b>	 R1500 Hours Protective Coat	Proprietary Coating Specification	20µm	<b>High</b>	Zinc with a ceramic top coat. The ceramic has a high hardness making this coating suitable for products that need significant abrasion resistance.
<b>Z/P</b>	 Zinc Plated (RoHS Compliant)	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a transparent conversion layer. Z/P products are recommended for indoor and noncorrosive environments.
<b>ZYP</b>	 Zinc Yellow Passivate	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a iridescent yellow conversion layer. ZYP products have a greater resistance to corrosion than Z/P and are recommended for low-corrosion environments or temporary fixing.
<b>TYK</b>	 TYKOTE 	Proprietary Coating Specification	38µm	<b>High</b>	A high performance coating, specially formulated for resisting treated pine chemicals.
<b>Ecoat</b>	 E-Coat Black	ISO 4042 + Proprietary Coating Specification	5µm	<b>Moderate</b>	Electroplated zinc with an organic coating equivalent to Class 3 coating. E-coat increases installation speed and decreases installation torque.



## Petrochemical Coatings

	Icon/Coating	Standard	Coating Thickness	Corrosion Resistance	Description
<b>HDG</b>	 Hot Dip Galvanised	AS/NZS 1214	50µm	<b>High</b>	HDG products are used where a high level of corrosion resistance is required. HDG products are recommended for long term outdoor applications.
<b>Z/P</b>	 Zinc Plated (RoHS Compliant)	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a transparent conversion layer. Z/P products are recommended for indoor and noncorrosive environments.
<b>ZYP</b>	 Zinc Yellow Passivate	ISO 4042	5µm	<b>Low</b>	Product is electroplated with zinc which is then passivated with a iridescent yellow conversion layer. ZYP products have a greater resistance to corrosion than Z/P and are recommended for low-corrosion environments or temporary fixing.
<b>CAD</b>	 Cadmium	ASTM B-766	12µm	<b>Moderate</b>	Cadmium provides excellent corrosion resistance and is suitable for high temperature and marine applications. It offers good lubricity for even tensioning and is a an exceptional bonding surface for paint and other adhesives,
<b>MOLY</b>	 1PX1 (Moly)	Proprietary Coating Specification	10µm	<b>Moderate</b>	1PX1 significantly reduces friction coefficient and ensures evenly tensioned fasteners. Provides excellent undercoat for epoxy paints and has good resistance to acids.
<b>XYLAN</b>	 Xylan Blue/ Green	Proprietary Coating Specification	25µm	<b>High</b>	Xylan Blue significantly reduces friction coefficient and ensures evenly tensioned fasteners. Provides excellent corrosion, chemical and weather resistance. Provides excellent undercoat for epoxy paints. Standard colours are Xylan Blue and Xylan Green.
<b>PLN</b>	 Plain (No Coating)	-	-	-	No additional coating applied. Products are supplied lightly oiled to inhibit rust in the packaging and assist with installation.