

Model Control Code Structure - Aluminium/Zinc Alloy Coated steel steel

Item	Category	Sub-Category	Identifier	Sales Data	Cost Data	Key category	Explanation / Notes
1	Prime	Prime	P	Mandatory	Not applicable	YES	Reports whether the product is prime or non-prime (secondary) product. Non prime could also be described as not meeting the intended or applicable specification.
		Non - Prime	N				
2	Coating Mass (g/m2)	<= 100 g/m2	1	Mandatory	Mandatory	YES	Reports the amount of aluminium / zinc alloy coated steel coating that has been applied to the base steel. This is expressed as the total (both top and bottom sides) in grams/square metre of surface area. The designated coating mass is a guaranteed minimum value.
		>100 g/m2 to <= 165 g/m2	2				
		> 165 g/m2	3				
3	Steel Grade AS 1397 / JIS3321	G2 / SGLCC	A	Mandatory	Mandatory	YES	Reports the steel grade of aluminium / zinc alloy coated steel . The steel grade determines the guaranteed or typical mechanical properties of the product. The Australian Standard AS 1397 range of steel grades are noted in bold with the equivalent Japanese standard JIS 3321 steel grades noted alongside unbolded. The G2 and G3 type grades are 'Formable' steel grades, whilst the G250 to G550 covers the range of 'Structural' steel grades. AS 1397 designates the structural grades via their Minimum Yield Strength whilst the JIS 3321 designates their structural grades via their Minimum Tensile Strength. All other special grades will fall into the 'other' category for this investigation.
		G3 / SGLCD	B				
		G250 / SGLC 340	C				
		G300 / G350 / SGLC 400 / SGLC 440 / SGLC 490	D				
		G450 / G500	E				
		G550 / SGLC 570	F				
		Other	G				
4	Base Metal Thickness (mm)	< 0.40 mm	1	Mandatory	Mandatory	YES	Reports the Base Metal Thickness (BMT) of the substrate steel before the zinc / aluminium coating is applied. For zinc / aluminium coated steel of the same coating mass, the thinner the base metal, the more square metres per tonne and therefore more coating metal is required to be applied and therefore generates a higher cost and selling price.
		=> 0.40 mm to < 0.50 mm	2				
		=> 0.50 mm to < 0.75 mm	3				
		=> 0.75 mm to < 1.00 mm	4				
		=> 1.00 mm to < 2.00 mm	5				
5	Width (mm)	< 600 mm	1	Mandatory	Optional	No	Reports the width of the aluminium/zinc alloy coated steel. In general narrow steel product requires extra processing via a slitting operation and incurs a price extra.
		=> 600 mm	2				
6	Form	Coil	C	Mandatory	Optional	No	Reports the final shape of the aluminium/zinc alloy coated steel - either in coil form or in sheet form. Sheeted product requires extra processing via a shearing operation and incurs a price extra.
		Sheet	S				

As an example of how a good will be classified using only the Mandatory categories of this MCC structure:- Prime, AZ150 coating, G300 grade, 0.50mm base thickness, 1200mmwide coil - would have an MCC of P2D32C