

Examples of the range of products that exist within the family of "aluminium-zinc alloy coated steels"

Manufacturer	Brand	% Aluminium	% Magnesium [#]	% Silicon*	% Mishmetal [^]	% Zinc (remainder)
Many	GALFAN [®]	5%	0%	0%	0.5%	94.5%
Yieh Phui	PhuizerFan	5%	0%	0%	0.5%	94.5%
Many	Galvalume, Aluzinc, Superlume,	55%	0%	1.5%	0%	43.5%
BlueScope	ZINCALUME [®]	55%	2%	1.5%	0%	41.5%
Posco	PosMAC [®]	2.50%	3%	0%	0%	94.50%
Nippon	SuperDyma [™]	11%	3%	Trace	0%	86%
Nisshan	ZAM [®]	6%	3%	0%	0%	91%
Arcelor Mittal	Magnelis [®]	3.50%	3%	0%	0%	93.50%
Corus	Magizinc [®]	1.5%	1.5%	0%	0%	97%
# Magnesium	is element 12 on the periodic chart and is an Alkaline Earth metal (Because the alkaline-earth metals have two electrons in their outer shell, they react easily with other elements and are found in nature only compounds. Like aluminum, it forms a thin layer around itself to help prevent itself from rusting when exposed to air.					
* Silicon	is element 14 on the period table and is metalloid (a type of chemical element which has a preponderance of properties that are in between those of metals and nonmetals.)					
[^] Mishmetal	is an alloy of rare earth elements, typically approximately 50% cerium and 25% lanthanum with smaller amounts of neodymium and praseodymium.					

The aluminium-zinc alloy coatings that do not contain magnesium are alloys containing three metals or elements

The aluminium-zinc alloy coatings that does contain magnesium are alloys containing either three or four metals or elements