

GALVANIZED

Flat product galvanized by continuously immersion in a zinc bath.

Mechanical characteristics and dimensions for coil supply

Mechanical characteristics in accordance with EN10346.

Grade	Re max. (MPa)	Rm (MPa)	A80 min (%)	Thickness (mm)	Width (mm)
Low carbon forming steel					
DX51D	-	270 - 500	22	0,40 - 2,00	800 - 1550
DX52D	140 - 300	270 - 420	26	2,01 - 2,50	800 - 1300
DX53D	140 - 260	270 - 380	30	2,51 - 3,00	800 - 1000
Structural steel					
S220GD	220 min	300 min	20	0,40 - 2,00	800 - 1550
S250GD	250 min	330 min	19	2,01 - 2,50	800 - 1300
S280GD	280 min	360 min	18	2,51 - 3,00	800 - 1000
S320GD	320 min	390 min	17	0,40 - 0,60	800 - 1300
S350GD	350 min	420 min	16	0,61 - 2,00	800 - 1300
				2,01 - 3,00	800 - 1000

Dimension tolerances

Normal dimensional tolerance ranges are guaranteed in accordance with EN 10143.

Surface finishes

It conforms to standard EN 10346 in relation to the following surface finish conditions:

Designation EN 10346		Characteristics
Types of finishes	Minimum star rating (M)	Star rating resulting from adequate control of the solidification
Types of surfaces	Ordinary finish (A)	Surface obtained directly after the immersion process
	Improved finish (B)	Surface obtained by skin-pass

Types of coating

Type of coating	Total minimum coating on both sides (g/m ²)	
	Triple sample testing	Single sample testing
In accordance with EN 10346		
Z100	100	85
Z140	140	120
Z200	200	170
Z225	225	195
Z275	275	235
Z350 (*)	350	300
Other possible coatings		
Z120	120	102
Z150	150	128
Z180	180	153
Z250	250	213

(*) Available only for W ≤ 1250 mm and t ≤ 1 mm

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Surface protection

Trivalent chrome chemical treatment surface protection is applied (colourless appearance).

Oil may also be applied.

Protección superficial rugosidad (tope: 0,80 mm)	
Chemical passivation (trivalent chromium)	C
Oiled	O
Chemical passivation and oiled	CO

Product weights

Maximum weight; 25 t

Internal diameter: 610 mm

Maximum external diameter: 2.000 mm

