

S355J2G1W steel plate, EN 10155 S355J2G1W steel plate, under EN 10155 standard, we can regard S355 J2G1W steel plate as **Steel Resistant to Atmospheric Corrosion**. **S355J2G1W steel plate** is one mainly of Steel Resistant to Atmospheric Corrosion, S355J2G1W steel plate is a weather-resistant structural steel with mechanical properties similar to **S355J2G2**. By adding Cr, Cu and Ni, it formed oxide layers stick firmly to the workpiece surface. This oxide layer prevents further corrosion of the steel.

S355 J2G1W

Comparison of steel grades

EN10155

EU 155

[Fe 510 D2K1](#)

WBL 087

-

NFA 35502

[E 36 WB 4](#)

BS4360

[WR 50 C](#)

[CSA G 4021](#)

gr 400-A AT

S355J2G1W steel sheet Chemical Composition

Grade	C	Si	Mn	P	S	Cu	Cr	Al	Ni	Mo	Nb
max	max	max	max	max	max.	max	max	Min	max	max	
S 355	0.1	0.50	0.50-	0.035	0.03	0.25-0.5	0.40-0.8	0.0	0.6	0.30	0.015-0
J2GW	6		1.50		0	5	0	2	5		.060

S355J2G1W steel plate Mechanical Properties

Grades	Yield Strength	Tensile	Fracture	Notch Impact
	ReH[N/mm2]	Strength	Elongation[%]tran	Energy1)Ch
	transv.min	Rm[N/mm2]trans	sv. min.	Vcomplete
				samplelongitud.
				min [J]
S355J2G 1W	355	510 - 610	22	-

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel:0086-371-86151827 86151627

E-mail:BB@Bebonchina.com

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

Oficina Dir: 2801 B# International enterise center Zhengzhou city in China.