

**BEBON**

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Henan BEBON international co.,ltd**Steel Resistant to Atmospherical Corrosion EN 10155 S 235 J0W steel plate**

S 235 J0W steel plate, EN 10155 S 235 J0W steel plate, under EN 10155 standard, we can regard S 235 J0W steel plate as Steel Resistant to Atmospherical Corrosion

S 235 J0W steel plate is one mainly of Steel Resistant to Atmospherical Corrosion, S 235 J0W steel plate would be used to built containers which can bear low temperature sea water. S 235 J0W steel plate is a structural steel grade which be used in riveted, bolted, or welded construction of bridges and buildings.

S 235 J0W EN 10155	Comparison of steel grades	
	EU 155	Fe 360 CK1
	WBL 087	WSt 37.2
	NFA 35502	E 24 W 3

Chemical analysis -% by mass*

Grades	C	Si	Mn	P	S	Cu	Cr	Ni
	max	max	max	max	max.	max	max	max
S235 J0W	0.13	0.4	0.20-1.66	0.035	0.035	0.25-0.55	0.40-0.80	0.65

Mechanical properties

Grades	Yield Strength ReH[N/mm2] transv.min		Tensile Strength Rm[N/mm2]transv		Fracture Elongation[%]tra nsv. min.		Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
	e ² ≤ 16	e ² > 16	e ² < 3	e ² ≥3	e ² ≤ 2	e ² ≤ 2	
S235 J0W	235	225	360 to 510	360 to 510	19/17	20/18	-

Bebon steel — The most professional exporter on shipbuilding steel

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