

S355J2W+N CORTEN STEEL PLATES

EQUIVALENT GRADE

W. Nr.	DIN	EN	BS	JIS	AFNOR	USA
1.8965	WSt52.3	S355J2G1W Fe510D2KI	WR50C	SMA570W	E36WB4	A588Gr.A A600A A600B A600

SPECIFICATION

Grade	S355J2W+N Corten Steel Plates
Standard	ASTM A588, A242 / ASME SA588, SA242
Width	1500mm to 4050mm
Length	3000mm to 15000mm
Thickness	6MM to 200
Type	Corten Steel / High-Strength Low-alloy Structural Steel
Process	Hot-Rolled (HR)

CHEMICAL COMPOSITION

C	Si	Mn	P	S	Cr	Zr	Ni	Cu	Mo	CEV
0.16 max.	0.50 max.	0.50 max.	0.03 max.	0.03 max.	0.40-0.80	0.15 max.	0.65 max.	0.25-0.55	0.03 max.	0.44 max.

MECHANICAL PROPERTIES

Yield Strength	Tensile Strength	Minimum Elongation A (Lo=5.65 vSo) %
355 MPa	510 – 680 MPa	20

Plate Size available Ex-Stock

1mm	2mm	3mm	4mm	6mm	8mm	10mm	12mm	14mm	16mm	20mm	25mm	30mm	32mm	36mm	40mm
45mm	50mm	63mm	70mm	72mm	75mm	80mm	90mm	100mm	110mm	130mm	150mm	170mm	180mm	200mm	
230mm	270mm	300mm													

Makes/Brands Available: SAIL, TATA, JSW, JSPL, Essar, POSCO, Uttam

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