

ITEM : X120Mn12 High Manganese Steel Sheets & Plates

THICKNESS : 35mm-150mm

LENGTH : 3000mm-18000mm

WIDTH : 1000mm- 4500mm

SUPPLY CONDITION : As Rolled, Normalized Rolling, Furnace Normalizing, Vacuum Degassing, Simulated Post-Weld Heat Treatment or as per customer requirement.

IMPACT TESTED : -52° C

PROCESS OF MANUFACTURING : Hot-Rolled (HR)

X120MN12 HIGH MANGANESE STEEL PLATE EQUIVALENT GRADES

DIN	AISI	BS	AFNOR	UNI
1.3401	A 128	BW 10	Z 120 M 12	X 120 Mn 12

X120MN12 MANGANESE STEEL PLATE CHEMICAL COMPOSITION

C	Mn	Si	P	S
1,10 - 1,30	12,00 - 13,00	0,30 - 0,50	max. 0,100	max. 0,04

X120MN12 MANGANESE WEAR RESISTANT PLATES MECHANICAL PROPERTIES

Dimensions	Yield point N/mm ²	Tensile strengtd N/mm ²	Ductile yield (Lo=5do)	Contraction %
<= 16 mm	>= 410	680 - 1180	>= 40	>= 40
17 mm - 40 mm	>= 390	830 - 1080	>= 42	>= 40
41 mm - 100 mm	>= 345	780 - 1080	>= 45	>= 45