

A588GrB steel plate, ASTM A588 Grade B, A588GrB steel sheet, A588GrB weathering steel/corrosion resistant/ASTM weather resistant steel

ASTM A588 Grade B steel plate, A588-A weathering steel/corrosion resistant/weather resistant steel

**A588 Grade B Atmospheric Corrosion Resistant Steel Description:**

A588GrB steel plates with the thickness form 8mm~200mm are used as high weathering bridge structural steel, ASTM A588 Grade B steel contains Cu, P, Cr, Ni and other elements, these elements give the steel A588 Grade B a high resistance to the corrosion of atmosphere. A588 Grade B steel plates and sheets are applied mostly on weathering construction components and bridge structural parts.

**A588 Grade B Steel Application:**

A588GrB steel is widely used to manufacture mills, general building, all kinds of mining equipment, mining track, excavators, loaders, bulldozers, various cranes, mining machinery and equipment such as hydraulic supports and other structural parts.

**A588 Grade B Steel Supply Sizes:**

Thickness: 2mm to 460mm  
Width: 1500mm to 3200mm  
Length: 6000mm to 12000mm

**A588 Grade B Steel Delivery Conditions:**

Hot Rolled, Cold Rolled, Normalized, Quenched, Tempering, Thermal Mechanical Control Process (TMCP), Electroslag Remelting Technical, HIC test.

**A588 Grade B Steel Services:**

Pretreatment (Derusting, Lacquering, Painting, Sand Clusting), Heat treatment, UT Test, HIC Test, Impact Test, PWHT Z15 Test, Z25 Test, Z35 Test, Cutting, Welding, Inspection from the third party like SGS, Galvanization.

**A588 Grade B Steel Chemical Composition Analysis:**

Grade	C %	Si %	Mn %	P %	S %
A588GrB	≤0.20	0.15-0.50	0.75-1.35	0.040	0.050
	Cr %	V %	Ni %	Cu %	--
	0.40-0.70	0.01-0.10	≤0.50	0.20-0.40	--

**Bebon steel — The most professional exporter on weathering resistant steel**

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**A588 Grade B steel Mechanical Properties:**

Thickness	Yield Strength ReH[N/mm <sup>2</sup> ]transv.min	Tensile Strength Rm[N/mm <sup>2</sup> ]transv	Fracture Elongation[%] ]transv. min.	Notch ImpactEnergy1)Ch Vcomplete samplelongitud. min [J]	
				-	-
0mm-50mm	345KPa	485KPa	18	-	-
50mm-200mm	345KPa	485KPa	21	-	-

ASTM A588 Grade B steel plate/weathering steel/corrosion resistant/weather resistant steel: BEBON can supply the stock steel Grade A588 Grade B Weathering Steel,BEBON International is a professional A588 Grade B steel plates exporter,supplier,manufacturer and stockist in China.Any need in A588 Grade B Weathering Steel,please feel free to contact us! We will offer you the most competitive price of A588 Grade B and best service for A588 Grade B.

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