

BS 4360 WR 50 C; WR 50 C steel; WR 50 C steel plate; WR 50 C steel grade; WR 50 C steel supplier

1. WR 50 C steel description

As a structural weathering steel, WR 50 C steels have a super property. WR 50 C steel chemical composition can increase resistance to atmospheric corrosion compared to other steels. This is because it forms a protective layer on WR 50 C steel surface under the influence of the weather.

2. WR 50 C steel Application range

WR 50 C steel weathering steel has a widely use in Mine fans, earth moving buckets, trailers and large road vehicles, drill rings, cranes, excavators, underground mining equipment, bridges and other high strength components requiring superior toughness.

3. WR 50 C steel supply size

Thickness: 2mm to 460mm

Width: 1500mm to 3200mm

Length: 6000mm to 12000mm

(other plate sizes and thicknesses available on request)

4. WR 50 C steel deliver condition

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

5. WR 50 C steel chemical composition(%)

C	Si	Mn	P	S	Cu	Cr	Ni	V	Nb	Al
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Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Min
0.16	0.50	0.50- 1.50	0.035	0.035	0.25- 0.55	0.40- 0.80	0.65	0.02- 0.12	0.015- 0.060	0.02

6. WR 50 C steel mechanical property

Thickness	Yield Strength ReH[N/mm2] transv.min	Tensile Strength Rm[N/mm2]trans v	Fracture Elongation[%]tra nsv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
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As an outstanding exporter and stockist in china, especially in Atmospheric Corrosion Resistant Steel, Henan BEBON international co.,ltd enjoy a famous reputation in the global steel market. Due to we have a good and close relationship with per big steel mill, so if you have any need about WR 50 C steel, we all can make you satisfied with our weathering steel. In addition, we have WR 50 C steel more than 10000 tons per mouth in stock, so if you need. Pls don't hesitate to contact BEBON sales-team now.

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