



RMRS Grade B shipbuilding steel plate

RMRS Grade B shipbuilding steel plate are almost exclusively used in the Shipbuilding Industry for the construction of structural parts of ships, barges and marine equipment. RMRS Grade B shipbuilding steel plates have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa).

The application of RMRS Grade B shipbuilding steel plate

RMRS Grade B shipbuilding steel plates can be used for ship repairing, the offshore oil drilling platform, the platform pipe joints and other components.

RMRS Grade B Shipbuilding Steel Chemical Composition Heat Analysis:

Element	RMRS Grade B Max %	Element	RMRS Grade B max %
C	0.21	Ni	-
Mn	0.80	Mo	-
Si	0.35	Al	-
S	0.035	Nb	-
P	0.035	V	-
Cu	-	Ti	-
Cr	-	N	-

RMRS B Ship Steel Mechanical Properties:

Grade	Thickness	Yield Strength	Tensile Strength	Elongation	Impact Energy
	(mm)	MPa (min)	MPa	% (min)	(KV J) (min)
					0 degree
RMRS Grade B	4-260	235	400-520	22	27J

Note: the impact energy under less 50mm thickness

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The rolling size of RMRS Grade B shipbuilding steel plate

Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness  $\leq$  25mm

RMRS steels come 4 grades in ordinary-strength steel for shipbuilding and RMRS Grade B is one of them. Katalor can supply BV,LR and others Certificate of classification society. RMRS Grade B shipbuilding steel plate can be supplied by katalor with good quality, fast delivery and one class service. Contact us by email:info@katalor.com



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so

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