



RINA FH36 shipbuilding steel plate

The RINA FH36 shipbuilding steel plates have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa). RINA FH36 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60°. All the RINA FH36 shipbuilding steel plate offered by Katalor Industry can be certificated by Registro Italiano Navale (RINA) as per customer's request.

The application of RINA FH36 shipbuilding Steel plate

RINA FH36 Shipbuilding steel plates are mainly used for making the offshore oil drilling platform, the hull of ship building and ship repairing, the platform pipe joints and other components.

RINA FH36 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
RINA	0.160	0.1-0.5	0.90-1.6	0.025	0.025	0.05-0.10	0.015	0.200
Grade FH36	Cu %	Mo %	Nb %	Ni %	Ti %	N%		
	0.350	0.080	0.02-0.05	0.400	0.020	0.009		

RINA FH36 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
RINA	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-60	34J
Grade FH36	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-60	41J
	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-60	50J

The min impact energy is longitudinal energy

The rolling size of RINA FH36 shipbuilding steel plate

Thickness	3-150mm
Width	1220-4200mm

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Length	5000-18000mm
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Notes: coil thickness  $\leq$  25mm

RINA FH36 shipbuilding steel plate is a kind of high tensile strength marine steel. As with other grades of steel, they have a specific gravity of 7.8. RINA FH36 Shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts. Please contact katalor if you want to know more information of RINA FH36 Shipbuilding steel plate.



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 on.  
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