



RINA FH32 shipbuilding steel plate

The RINA FH32 shipbuilding steel plates have yield strength of 45,500 psi (315 MPa), and ultimate tensile strength of 64,000 - 85,000 psi (440-590 MPa). All the RINA FH32 shipbuilding steel plate offered by Katalor Industry can be certificated by Registro Italiano Navale (RINA).

The application of RINA FH32 shipbuilding steel plate

RINA FH32 Shipbuilding steel plates can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

RINA FH32 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
RINA Grade FH32	0.160	0.1-0.5	0.90-1.6	0.025	0.025	0.05-0.10	0.015	0.200
	Cu %	Mo %	Nb %	Ni %	Ti %	N %		
	0.350	0.080	0.02-0.05	0.800	0.020	0.009		

RINA FH32 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
RINA Grade FH32	8mm-50mm	Min 315Mpa	440-590Mpa	22%	-60	34J
	51mm-70mm	Min 315Mpa	440-590Mpa	22%	-60	41J
	71mm-100mm	Min 315Mpa	440-590Mpa	22%	-60	50J

The min impact energy is longitudinal energy

The rolling size of RINA FH32 shipbuilding steel plate

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

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Notes: coil thickness \leq 25mm

RINA FH32 Shipbuilding steel plates are mainly used for making the hull of ship building and ship repairing, the offshore oil drilling platform, the platform pipe joints and other components. RINA FH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. RINA FH32 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60° . welcome to contact katalor if you are looking for RINA FH32 shipbuilding steel plate supplier.



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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