

RINA EH32 shipbuilding steel plate; RINA EH32 shipbuilding sheet; RINA EH32 shipbuilding plate supplier; RINA EH32 shipbuilding plate price; RINA EH32 hull structure steel; RINA EH32 shipbuilding plate property.

1. RINA EH32 shipbuilding steel description

The [EH32 steel plate/sheet](#) is the mainly kinds of steel for shipbuilding and oil platform. Shipbuilding grade EH32 is the high tensile strength steel with good toughness properties, higher strength, strong corrosion-resistance, the processing properties, and welding properties.

2. RINA EH32 shipbuilding steel Application range

As the super features, RINA EH32 steel plate/sheet can be used in the manufacture of the ship's hull structure, and usually do navigation around coastal and river area. Also, RINA EH32 shipbuilding steel is widely used in oil platform and offshore platform.

3. RINA EH32 shipbuilding steel supply size

Thickness: 4mm-260mm

Width: 1200mm-4000mm

Length: 3000mm-18000mm

(other plate sizes and thicknesses are available on request)

4. RINA EH32 shipbuilding steel composition (%)

Grade	C max	Si max	Mn	P max	S max	Als min	Ti max	Cu max	Cr max	Ni max	Mo max
EH32	0.18	0.50	0.90-1.60	0.035	0.035	0.015	0.02	0.35	0.20	0.40	0.08

Note: Generally speaking CE will be $\leq 0.40\%$. If the delivery condition is TMPC, the CE will be : $\leq 0.36\%$ (thickness $\leq 50\text{mm}$), $\leq 0.38\%$ (when the thickness $>50-100$). $Ceq\% = (C+Mn)/6+(Cr+Mo+V)/5+(Ni+Cu)/15$.

Bebon steel — The most professional exporter on weathering resistant steel

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5. RINA EH32 shipbuilding steel mechanical property

Grade	Rm (MPa)	Re(MPa) min	A% min	Akv/J min						
				E.T °C	Thickness (mm)					
EH32	440-570	315	22		-40	≤ 50		>50-70		>70-100
				L		C	L	C	L	C
				31		22	38	26	46	31

Note: In the list , Rm: tensile strength, Re: Yield strength, A%: elongation, E.T: experimental temperature,L: lengthways, C: crosswise.

6. RINA EH32 shipbuilding steel deliver condition

Grade	Fine grains elements	category	The thickness of steel					
			≤ 12	>12.5-20	>20-25	>25-35	>35-50	>50-100
EH32	Any	Plate/sheet	N, TM					
		Profile steel	N(25),TM(25),AR*(15),CR*(15)				-	

Note: 1. delivery condition: A =Any; N=Normalized; CR=Control Rolled; TM=TMPC, Temperature - deformation control rolling; AR*= Can be hot rolled with the agreement of Classification Society ; CR*=Can be control rolled with the agreement of Classification Society.

2. The Figure in the () means the sampling volume to do the impact test, the unit is Ton.(-) means without impact test.

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We, Henan BEBON international is professional in exporting the steel for shipbuilding and oil platform, all kinds of shipbuilding steel plate are available with the certificate from the Classification Society. If you have any need of RINA EH32 shipbuilding steel, pls feel free to contact our sales-team, we will supply you RINA EH32 steel plate with the best quality, first class service, and competitive price.

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