

Fe410WA Structural Steel Plate



Fe410WA is a kind of **structural steel** with IS standard. Conforming to IS 2830 having carbon content of less than 0.2% are used to roll sections. The rolled sections are highly bendable, ductile and easily weldable.

Products that are manufactured undergo a well-documented quality control procedure. The in-house test laboratory is BIS approved and equipped with the most modern and sophisticated equipment for testing of chemical and mechanical properties during manufacturing process.

The physical Properties of Fe410WA

Deacription	IS 2062 Fe410WA
Tensile Strength min.(MPa)	410
<u>Yield Stress</u> min.(MPa)	
<20mm	250
20-40mm	240
>40mm	230
Percent Elongation min.	23

The Chemical Properties of Fe410WA

Analysis max. By [%]	IS 2062 Fe410WA
C	0.23
Mn	1.5
S	0.05
P	0.05
Si	0.4

Bebon steel — The most professional exporter on shipbuilding steel

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CE	0.42
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Weldability:The carbon equivalent in the material is as low as 0.2% ensuring high weldability of the products.

Sectional Weight Tolerance:The products are rolled strictly in accordance to IS 808-1989.

Dimensional Tolerance:This sort of Steel Structurals are rolled in dimension according to IS 808/1989 and IS 1852-1985.

The followings are the description of Fe410WA chemical composition and its mechanical properties and Fe410WA's comparable standard is ISO630 FE430C,DIN17100 St44-3,EN10025 S275J0/S275JrG3.These are the structural steels with different standards.

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