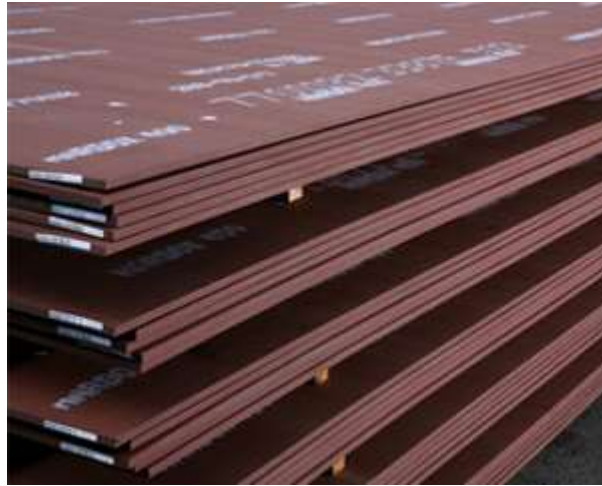




HARDOX 500



Hardox 500 is abrasion resistant steel with an ostensible hardness of 500 HBW. Average applications are segmented and structures subject to wear. Hardox 500 is a bendable and the weldable abrasion resistant plate which is utilized as a part of uses that request higher wear resistance.

Hardox 500 is not planned for further every heat treatment. It has gotten its mechanical properties by extinguishing and when fundamental by method for ensuing treating. The properties of the conveyance condition can't be held after introduction to temperatures in abundance of 250°C. Fitting well being and security insurances must be taken when welding, cutting, crushing or generally dealing with this item.

CHHAJED STEEL & ALLOYS PVT.LTD.

31, SANGHAVI SADAN, 4TH KHETWADI LANE, S.V.P ROAD, MUMBAI – 400 004.

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WORKS PLACE-I

E11, BALAJI PLAZA, VILLAGE – USATANE, TAL - AMBERNATH, DIST – THANE, MUMBAI – 421 306

WORKS PLACE-II

NAVKAR CUTTER, PLOT NO – M 68, MIDC, TALOJA INDL AREA, RAIGAD, NAVI MUMBAI – 410 208



Crushing, particularly of first stage covered plates, may create dust with a high molecule focus.

Our extent is resistant to abrasion and is utilized as a part of different applications that oblige higher wear resistance. Also, these are utilized as a part of cradle receptacles, grizzly bars, measuring containers and skips, crushers, strainers, feeders, measuring pockets, skips, bleeding edges, transports, cans, blades, apparatuses, and sprockets. We are one of the biggest Importer, Stockist & Supplier of HARDOX 500 Plates in India.

Available dimensions Hardox 500: thicknesses of 4.0 – 80 mm.

Mechanical Properties

Thickness	Hardness HBW	Typical yield strength
Mm	min - max 1)	MPa, not guaranteed
4 - 32	470 – 530	1250
(32) - 80	450 - 540	1250

Brinell hardness, HBW, as per EN ISO 6506-1, on a processed surface 0.5 – 3 mm beneath surface. No less than one test example for every heat and 40 tons.

The ostensible material thickness won't go amiss more than + 15 mm from that of the test examples.

The plates are through-solidified to at least 90 % of the ensured least surface hardness

Chemical Composition (heat analysis)

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C *	Si *	Mn *	P	S	Cr *	Ni *	Mo *	B *
Max %	Max %	Max %	Max %	Max %	Max %	Max %	Max %	Max %
0.30	0.70	1.60	0.020	0.010	1.50	1.5	0.60	0.005

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