WEAR RESISTANT STEEL Advanced Materials. Engineered for Performance.

Hardox 600

Wear Resistant Steel | Brand: SSAB | Nominal Hardness: 600 HBW

The hardest abrasion resistant plate in general production, reserved for extreme sliding wear where part replacement downtime dominates cost.



Stock status: Ex-stock Dubai - Typical lead time: 2 - 3 working days ex Dubai

Key features

- Maximum available abrasion resistance
- Longest liner replacement interval

Available forms & sizes

Form	Size range
Plates	6 - 65 mm thk
Blocks & Profiles	Profile cut wear parts

Chemical composition (%)

Element	Min	Max
C	-	0.47
Cr	-	1.20
Ni	-	2.50
Mo	-	0.70

Mechanical properties

Property	Value	Unit
Hardness	570 - 640	HBW
Tensile Strength (typical)	2000	MPa

Physical properties

Property	Value	Unit
Density	7.85	g/cm3

Standards

SSAB Hardox guarantee

Equivalent grades

XAR 600, Abrex 600

Industries served

Mining, Recycling, Cement

Typical applications

- Extreme abrasion liners
- Shredder and hammer mill wear parts
- Slurry handling components

Live datasheet