

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.

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

Typical Applications

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



AXICOR DWC LLC

Technical Data Sheet

Industries Served

Mining, Recycling, Cement