

Armox 600T

Armor & Ballistic Steel | Brand: SSAB | Nominal Hardness: 570 - 640 HBW

High hardness protection plate delivering the same protection level at reduced weight, or a higher threat level at the same weight, compared with 500 HBW armour.

Available Forms & Sizes

Form	Size Range
Plates	4 - 20 mm thk
Blocks & Profiles	Profile cut armour panels

Chemical Composition (%)

Element	Min	Max
C	-	0.47
Cr	-	1.50
Ni	-	3.00
Mo	-	0.70

Mechanical Properties

Property	Value	Unit
Hardness	570 - 640	HBW
Tensile Strength (typical)	2000	MPa
Impact Energy at -40 C	20	J

Physical Properties

Property	Value	Unit
Density	7.85	g/cm3

Standards

STANAG 4569, NIJ 0108.01 Level IV

Equivalent Grades

Mars 300, Ramor 550

Typical Applications

- Weight-critical vehicle armour
- Add-on appliqué armour packages



AXICOR DWC LLC

Technical Data Sheet

- Ballistic test panels

Industries Served

Defence, Security