ARMOR & BALLISTIC STEEL Advanced Materials. Engineered for Performance.

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.



Stock status: Mill indent - Typical lead time: 4 - 8 weeks mill indent

Key features

- Higher protection per kilogram
- Suited to appliqué and add-on 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

Property	Value	Unit
Density	7.85	g/cm3

Standards

STANAG 4569, NIJ 0108.01 Level IV

Equivalent grades

Mars 300, Ramor 550

Industries served

Defence, Security

Typical applications

- Weight-critical vehicle armour
- Add-on appliqué armour packages
- Ballistic test panels

Live datasheet