

THE WIDEST WEAR PLATE RANGE IN THE WORLD.

Hardox is known for its supreme properties. It has literally set the standard for wear plate all over the world with its unparalleled combination of hardness and toughness.

But these values would never end up bringing longer service life and higher payload to endusers if manufacturers were not able to form, cut and join the plates in their workshops. The balance between the properties hardness, toughness and workability is the essence of Hardox regardless of grade or thickness.

We now offer wear plates from 0.7 mm to 160 mm thickness. The new dimensions allow greater creativity and open up new possibilities where thickness used to be a limitation.



DIMENSIONS	
THICKNESS mm	0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160
Hardox HiTuf	Up to width 3.35 m x length 14.5 m
Hardox 400	Up to width 3.35 m x length 14.5 m
Hardox 450	Up to width 3.35 m x length 14.5 m
Hardox 500	Up to width 3.35 m x length 14.5 m
Hardox 550	Up to 2.9 m x 14.5 m
Hardox 600	Up to 2.0 m x 14.5 m
Hardox Extreme	Up to 2.0 m x 14.5 m

Above you find the dimensions in our full Hardox palette, the Tailor-Made Program - for perfect fit.

If you're looking for maximized availability and delivery precision, we offer you our most popular dimensions and grades in our Ready-Made Program.

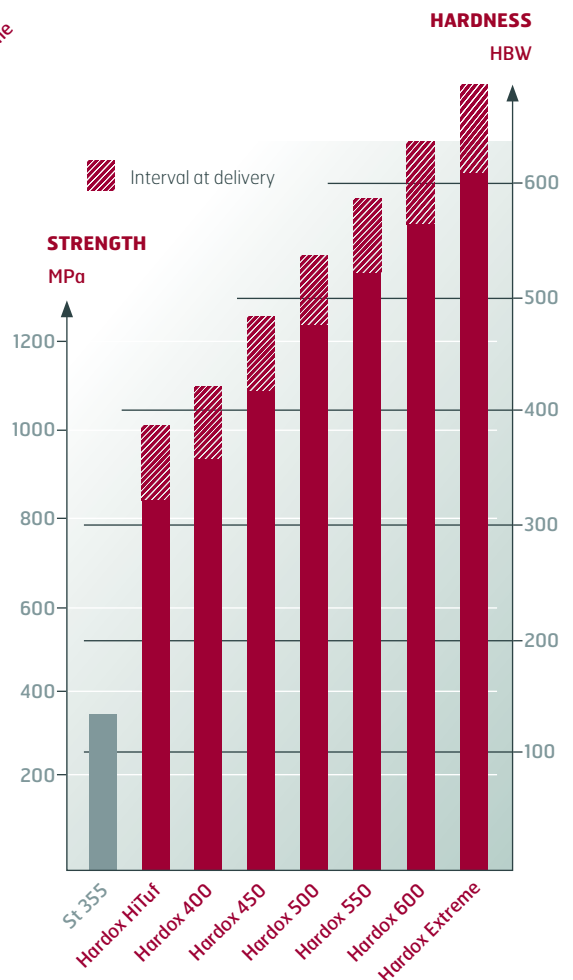
YOU KNOW WHAT YOU GET YOU GET WHAT YOU WANT

Your choice of wear plate has consequences for your business. With the right wear plate you can improve the performance of your product, cut the lead times in the workshop and increase the productivity. Hardox is your ticket to outstanding wear performance. No matter what your wear challenge is, you will find a Hardox plate that is up to it. The wide range of hardness grades, thicknesses and widths enables you to always maximise the performance of your application.

PROPERTIES

	St 355	Hardox HiTuf	Hardox 400	Hardox 450 tuf	Hardox 500 tuf	Hardox 550	Hardox 600	Hardox Extreme
Hardness nominal	170 HBW	350 HBW	400 HBW	450 HBW	500 HBW	550 HBW	600 HBW	650 HBW
Toughness CVT guaranteed transverse rolling dir.	27 J - 20°C	40 J - 40°C	-	27 J - 20°C	27 J + 20°C	-	-	-
Toughness CVL typical along rolling dir.	100 J - 40°C	95 J - 40°C	45 J - 40°C	40 J - 40°C	30 J - 40°C	30 J - 40°C	20 J - 40°C	< 15 J - 40°C
Yield strength typical	380 MPa	850 MPa	960 MPa	1150 MPa	1300 MPa	-	-	-
Service life relative interval¹	1	1.2 - 5.0	1.3 - 6.0	1.5 - 7.5	1.8 - 10	2.0 - 15	2.5 - 23	3.0 - 30
Thickness from - to (mm)	5 - 150	40 - 160	3 - 130	0.7 - 80	4 - 80	10 - 50	8 - 50	8 - 25
Dimensions width (m) length (m)	up to 3.4 18	up to 3.35 14.6	up to 3.35 14.5	up to 3.35 14.6	up to 3.35 14.5	up to 2.9 14.5	up to ² 2.0 14.5	up to ² 2.0 14.5

1. Max/min sliding wear by SSAB WearCalc
2. Preferred dimension width 2.0 m x length 4.0 m



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