



SHIPBUILDING PLATES

QUALITY

STEEL NUMBER

NORM

CERTIFICATION

HEAT TREATMENT

AH36

n.a.

acc. to the rules of classification

3.2 - EN 10204 / TCM

≤ 12,5 mm. : AR / N / NR / TM

> 12,5 mm. : N / TM

Mechanical properties :

Thickness mm.	Min. yield (Mpa)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J) L / T 0°
≤ 50	355	490 - 630	21	34 / 24
> 50 ≤ 70	355	490 - 630	21	41 / 27
> 70 ≤ 100	355	490 - 630	21	50 / 34

Chemical composition :

C	Mn	Si	S	P	Al	Ti	Nb	V	Ni	Cu	Mo	N
max.		max.	max.	max.	min.	max.	min.	min.	max.	max.	max.	max.
0,18	0,90-1,60	0,50	0,035	0,035	0,015	0,020	0,02 - 0,05	0,05 - 0,10	0,40	0,35	0,20	0,08

Available from stock :

Length	Width	Thickness
max. 14000 mm.	2000 / 2500 / 3000 mm.	6 - 200 mm.
max. 14000 mm.	3250 / 3500 mm.	max. 60 mm.
max. 12000 mm.	4000 mm.	max. 30 mm.

* Please note that the information mentioned above is a brief summary.
For full specification, we refer to the actual norm.