

Technical Product Information Hot-rolled Sheets

Normal flatness equates to the normal deviation on the plate as per EN 10051.

Flatness type **Laser** warrants the following maximum flatness deviations **on the plate**:

Flatness type **Laser plus** warrants the following maximum flatness deviations on the plate and on the cut component:

Strength class A	
Nominal width w	Normal flatness
≤ 1,200 mm	15 mm
1,200 < w ≤ 1,500 mm	18 mm
> 1,500 mm	23 mm

Strength class A	
Nominal width w	Laser
≤ 1,200 mm	5 mm
1,200 < w ≤ 1,500 mm	6 mm
> 1,500 mm	8 mm

Strength class A	
Nominal width w	Laser plus
≤ 1,200 mm	5 mm
1,200 < w ≤ 1,500 mm	6 mm
> 1,500 mm	8 mm

Strength class B	
Nominal width w	Normal flatness
≤ 1,200 mm	18
1,200 < w ≤ 1,500 mm	23
> 1,500 mm	28

Strength class B	
Nominal width w	Laser
≤ 1,200 mm	6 mm
1,200 < w ≤ 1,500 mm	8 mm
> 1,500 mm	9 mm

Strength class B	
Nominal width w	Laser plus
≤ 1,200 mm	6 mm
1,200 < w ≤ 1,500 mm	8 mm
> 1,500 mm	9 mm

Strength class C	
Nominal width w	Normal flatness
≤ 1,200 mm	23 mm
1,200 < w ≤ 1,500 mm	30 mm
> 1,500 mm	38 mm

Strength class C	
Nominal width w	Laser
≤ 1,200 mm	8 mm
1,200 < w ≤ 1,500 mm	10 mm
> 1,500 mm	12 mm

Strength class C	
Nominal width w	Laser plus
≤ 1,200 mm	8 mm
1,200 < w ≤ 1,500 mm	10 mm
> 1,500 mm	12 mm

Strength class D	
Nominal width w	Normal flatness
≤ 1,200 mm	23 mm
1,200 < w ≤ 1,500 mm	30 mm
> 1,500 mm	38 mm

Strength class D	
Nominal width w	Laser
≤ 1,200 mm	8 mm
1,200 < w ≤ 1,500 mm	10 mm
> 1,500 mm	12 mm

Strength class D	
Nominal width w	Laser plus
≤ 1,200 mm	8 mm
1,200 < w ≤ 1,500 mm	10 mm
> 1,500 mm	12 mm

All flatness deviations apply for nominal thickness t: 2 ≤ t ≤ 25 mm

The said warrant postulate a proper handling with respect to storage and transport of the material.