

Rolled plates

EN AW-2024 T3/T351; EN 573-3; EN 485-2,-3

Limit deviations of thickness dle EN 485-3

Specified thickness [mm]		Limit deviations of the thickness for the specified width [mm]				
over	up to and including	up to and including 1250	over 1 250 to and including 1 600	over 1 600 to and including 2 000	over 2 000 to and including 2 500	over 2 500 to and including 3 500
8	10	±0,45	±0,50	±0,50	±0,55	±0,60
10	15	±0,50	±0,60	±0,65	±0,65	±0,80
15	20	±0,60	±0,70	±0,75	±0,80	±0,90
20	30	±0,65	±0,75	±0,85	±0,90	±1,00
30	40	±0,75	±0,85	±1,00	±1,10	±1,20
40	50	±0,90	±1,00	±1,10	±1,20	±1,50
50	60	±1,10	±1,20	±1,40	±1,50	±1,70
60	80	±1,40	±1,50	±1,70	±1,90	±2,00
80	100	±1,70	±1,80	±1,90	±2,10	±2,20
100	150	±2,10	±2,20	±2,50	±2,60	-
150	220	±2,50	±2,60	±2,90	±3,00	-
220	350	±2,80	±2,90	±3,20	±3,30	-

Mechanical properties of the day EN 485-2+A1

Material condition	Determined thickness [mm]		Tensile strength R _m [Mpa]		Slip limit R _{p0,2} [Mpa]		Ductility min. [%]		Bend radius		Hardness [HBW] ^o
	over	to	min.	max	min.	max	A _{50mm}	A	180°	90°	
T3 / T351	6,0	12,5	440		290		13			8,0 t ^b	124
T3 / T351	12,5	40	430		290			11			122
T3 / T351	40,0	80,0	420		290			8			120
T3 / T351	80,0	100,0	400		285			7			115
T3 / T351	100,0	120,0	380		270			5			110
T3 / T351	120,0	150,0	360		250			5			104

Chemical composition according to EN 573-3 (AlCu4Mg1)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	The last total	Al Min.
0,5	0,5	3,8-4,9	0,3-0,9	1,2-1,8	0,1	-	0,25	0,15	0,05	0,15	Residue

Formats in stock [mm] (*)

1020 × 2020	1270 × 2520	1520 × 3020	and other
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(*) Consult the sales department for the current availability of formats

Thicknesses in stock [mm]

8 10 12 15 16 20 25 30 32 36 40 45 50 56 60 63,5 70 80 90 101,6 110 120 135 150

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Contact with foodstuffs according to EN 602

No