

Rolled plates

EN AW-7075 T6/T651; EN 573-3; EN 485-2,-3

Limit deviations of thickness according to EN 485-3

Specified thickness [mm]		Limit deviations of the thickness for the specified width [mm]				
over	to and include	to and include 1250	over 1250 to and include 1600	over 1600 to and include 2000	over 2000 to and include 2500	over 2500 to and include 3500
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 according to 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°	
T6 / T651	6,0	12,5	540		460		8			12,0 t ^b	160
T6 / T651	12,5	25	540		470			6			161
T6 / T651	25	50	530		460			5			158
T6 / T651	50	60	525		440			4			155
T6 / T651	60	80	495		420			4			147
T6 / T651	80	90	490		390			4			144
T6 / T651	90	100	480		360			3			135
T6 / T651	100	120	410		300			2			119
T6 / T651	120	150	360		260			2			104
T6 / T651	150	200	360		240			2			-
T6 / T651	200	300	360		220			1			-

Chemical composition according to EN 573-3 (AlZn5,5MgCu)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,4	0,50	1,2-2,0	0,3	2,1-2,9	0,18-0,28	-	5,1-6,1	0,2	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

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Thicknesses in stock [mm]

7 8 10 12 15 16 20 25 30 35 40 45 50 55 60 65 70 80 90 100

110 120 130 140 150 160 170 180 190 200

Contact with foodstuffs according to EN 602

No