

Rolled sheets

EN AW-2017A T4/T451; EN 573-3; EN 485-2,-4

Limit deviations of thickness according to EN 485-4

Specified thickness [mm]		Limit deviations of the thickness for the specified width [mm]				
over	to and include	to and include 1 000	over 1 000 to and include 1 250	over 1 250 to and include 1 600	over 1 600 to and include 2 000	over 2 000 to and include 2 500
0,5	0,6	±0,04	±0,06	±0,07	±0,08	±0,11
0,6	0,8	±0,04	±0,07	±0,08	±0,09	±0,12
0,8	1,0	±0,05	±0,08	±0,09	±0,10	±0,13
1,0	1,2	±0,05	±0,09	±0,10	±0,12	±0,14
1,2	1,5	±0,07	±0,11	±0,12	±0,14	±0,16
1,5	1,8	±0,08	±0,12	±0,13	±0,15	±0,17
1,8	2,0	±0,09	±0,13	±0,14	±0,16	±0,19
2,0	2,5	±0,10	±0,14	±0,15	±0,17	±0,20
2,5	3,0	±0,11	±0,15	±0,17	±0,19	±0,23
3,0	3,5	±0,12	±0,17	±0,19	±0,20	±0,24
3,5	4,0	±0,15	±0,20	±0,22	±0,23	±0,25
4,0	5,0	±0,18	±0,22	±0,24	±0,25	±0,29
5,0	6,0	±0,20	±0,24	±0,25	±0,26	±0,32

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] ^a
	over	to	min.	max	min.	max	A_{50mm}	A	180°	90°	
T4/T451	0,4	1,5	390		245		14		3,0 t	3,0 t	110
T4/T451	1,5	6,0	390		245		15		5,0 t	5,0 t	110

Chemical composition according to EN 573-3 (AlCu4MgSi (A))

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,2-0,8	0,7	3,5-4,5	0,4-1	0,4-1	0,1	-	0,25	-	0,05	0,15	Residue

Formats in stock [mm] (*)

1000 × 2000	1250 × 2500	1500 × 3000	and other
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(*) Consult the sales department for the current availability of formats

Thicknesses in stock [mm]

0,80 1,00 1,50 2,00 2,50 3,00 3,50 4,00 5,00 6,00

Contact with foodstuffs according to EN 602

No