

Rolled sheets

EN AW-5083 H111; 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 1000	over 1000 to and include 1250	over 1250 to and include 1600	over 1600 to and include 2000	over 2000 to and include 2500
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] ^o
	over	to	min.	max	min.	max	A _{50mm}	A	180°	90°	
H111	0,5	1,5	275	350	125		12		1,0 t	1,0 t	75
H111	1,5	3,0	275	350	125		13		1,5 t	1,0 t	75
H111	3,0	6,3	275	350	125		15			1,5 t	75

Chemical composition according to EN 573-3 (AlMg4,5Mn0,7)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,4	0,4	0,1	0,4-1	4-4,9	0,05-0,25	-	0,25	0,15	0,05	0,15	Residue

Formats in stock [mm] (*)

1000 × 2000	1250 × 2500	1500 × 3000	-
-------------	-------------	-------------	---

(*) Consult the sales department for the current availability of formats

Thicknesses in stock [mm]

1,50	2,00	3,00	4,00	5,00	6,00
------	------	------	------	------	------

Contact with foodstuffs according to EN 602

Yes
