

# Rolled sheets

EN AW-1050A 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 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	±0,03	±0,05	±0,06	±0,07	±0,11
0,6	0,8	±0,03	±0,06	±0,07	±0,08	±0,12
0,8	1,0	±0,04	±0,06	±0,08	±0,09	±0,13
1,0	1,2	±0,04	±0,07	±0,09	±0,10	±0,14
1,2	1,5	±0,05	±0,09	±0,10	±0,11	±0,16
1,5	1,8	±0,06	±0,10	±0,11	±0,12	±0,17
1,8	2,0	±0,06	±0,11	±0,12	±0,14	±0,19
2,0	2,5	±0,07	±0,12	±0,13	±0,15	±0,20
2,5	3,0	±0,08	±0,13	±0,15	±0,17	±0,23
3,0	3,5	±0,10	±0,15	±0,17	±0,18	±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] <sup>o</sup>
	nad	do	min.	max	min.	max	$A_{50mm}$	A	180°	90°	
H111	0,5	1,5	65	95	20		22		0 t	0 t	20
H111	1,5	3,0	65	95	20		26		0 t	0 t	20
H111	3,0	6,0	65	95	20		29		0,5 t	0,5 t	20

## Chemical composition according to EN 573-3 (Al99,5)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,25	0,4	0,05	0,05	0,05	-	-	0,07	0,05	0,03	-	99,5

## Formats in stock [mm] (\*)

1000 × 2000	1250 × 2500	-	-
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(\*) Consult the sales department for the current availability of formats

## Thicknesses in stock [mm]

0,60	0,80	1,00	1,20	1,50	1,60	2,00	3,00	4,00
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## Contact with foodstuffs according to EN 602

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