

Rolled plates

EN AW-5754 H111; EN 573-3; EN 485-2,-3

Limit deviations of thickness acc 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 1250 to and including 1600	over 1600 to and including 2000	over 2000 to and including 2500	over 2500 to and including 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

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°	
H111	6,0	12,5	190	240	80		18			2,0 t	52
H111	12,5	100	190	240	80			17			52

Chemical composition according to EN 573-3 (AlMg3)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Note	Other individually	The last total	Al Min.
0,4	0,4	0,1	0,5	2,6-3,6	0,3	-	0,2	0,15	0,1-0,6 Mn+Cr	0,05	0,15	Residue

Formats in stock [mm] (*)

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

Thicknesses in stock [mm]

8 10 12 15 20 25 30

Contact with foodstuffs according to EN 602

Yes
