

Cast plates with a cut surface

EN 5083; EN 573-3

Mechanical properties (the european standard does not establish any range of mechanical properties for cast materials, typical values)

Tensile strength Rm (MPa)	Yield strength Rp0,2 (MPa)	Ductility A5 (%)	Hardness HBW
210-270	110-130	5-15	65-75

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

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

Thicknesses in stock [mm]

4,00 5,00 6,00 7,00 8,00 10,00 12,00 14,00 15,00 16,00 18,00 20,00 22,00 25,00 28,00 30,00 35,00 40,00 45,00 50,00 55,00 60,00
65,00 70,00 75,00 80,00 85,00 90,00 95,00 100,00 105,00 110,00 115,00 120,00 125,00 130,00 135,00 140,00 145,00 150,00 155,00 160,00
165,00 170,00 180,00 190,00 200,00 210,00 220,00 230,00 235,00 240,00 250,00

In the case of taking the entire sheet, any thickness can be produced in the range from 4,00 to 580,00 mm.

Thickness tolerance [mm]

+2,00 / 0

Flatness [mm/m]

0,50

Formats in stock [mm] (*)

1590x3040 2180x4040 and other

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

Surface specification

Roughness Ra=max 6,0um

Contact with foodstuffs according to EN 602

Yes