

Product Specifications: Flat Sheet

Alloy AA1100 and AA3105

i) Chemical Composition Limits (% by weight)

Alloy	Elements		Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
	Si	Fe							Each	Total	
AA 1100	1.0 Si + Fe		0.05-0.20	0.05	--	--	0.10	--	0.05	0.15	99.00 min
AA 3105	0.60	0.70	0.30	0.30-0.80	0.20-0.80	0.20	0.40	--	0.05	0.15	Remainder

ii) Ultimate Tensile Strength (Mpa)

Alloy	Temper	0		H2		H4		H6		H8	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA 1100		75	105	95	130	110	145	130	165	150	--
AA 3105		95	130	120	160	140	180	165	205	185	--

iii) Standard Specifications

Temper	0	H14	H18	H28
	H24	H24, H26	H18	H28
Thickness	0.3 - 1.0mm (in 0.1mm increment) 1.2 - 2.0 mm (in 0.2 mm increment) 2.5 mm	0.3 - 1.0mm (in 0.1mm increment) 1.2 - 2.0 mm (in 0.2 mm increment) 2.5 mm, 3.0 mm	1.0 - 2.0mm (in 0.2 mm increment)	0.3 - 0.9mm (in 0.1mm increment)
	0.3 - 1.0mm (in 0.1mm increment)	1.2 - 2.0 mm (in 0.2 mm increment) 2.5 mm, 3.0 mm	1.2 - 2.0 mm (in 0.2 mm increment) 2.5 mm, 3.0 mm	0.3 - 1.0mm (in 0.1mm increment)
Width	915 mm, 1220 mm	915 mm, 1220 mm, 1524 mm	915 mm, 1220 mm	915 mm, 1220 mm
	915 mm, 1220 mm	915 mm, 1220 mm	915 mm, 1220 mm	915 mm, 1220 mm
Length	2440 mm, 3660 mm	2440 mm, 3660 mm	2440 mm, 3660 mm	2440 mm, 3660 mm
	2440 mm, 3660 mm	2440 mm, 3660 mm	2440 mm, 3660 mm	2440 mm, 3660 mm
Surface Finish	Mill Stucco-embossed (For 0.3 - 1.0 mm thickness)	Mill Stucco-embossed (For 0.3 - 1.0 mm thickness)	Mill	Mill
	Mill Stucco-embossed	Mill	Mill	Mill Stucco-embossed
Packing	1 tonne/crate - domestic or export			