

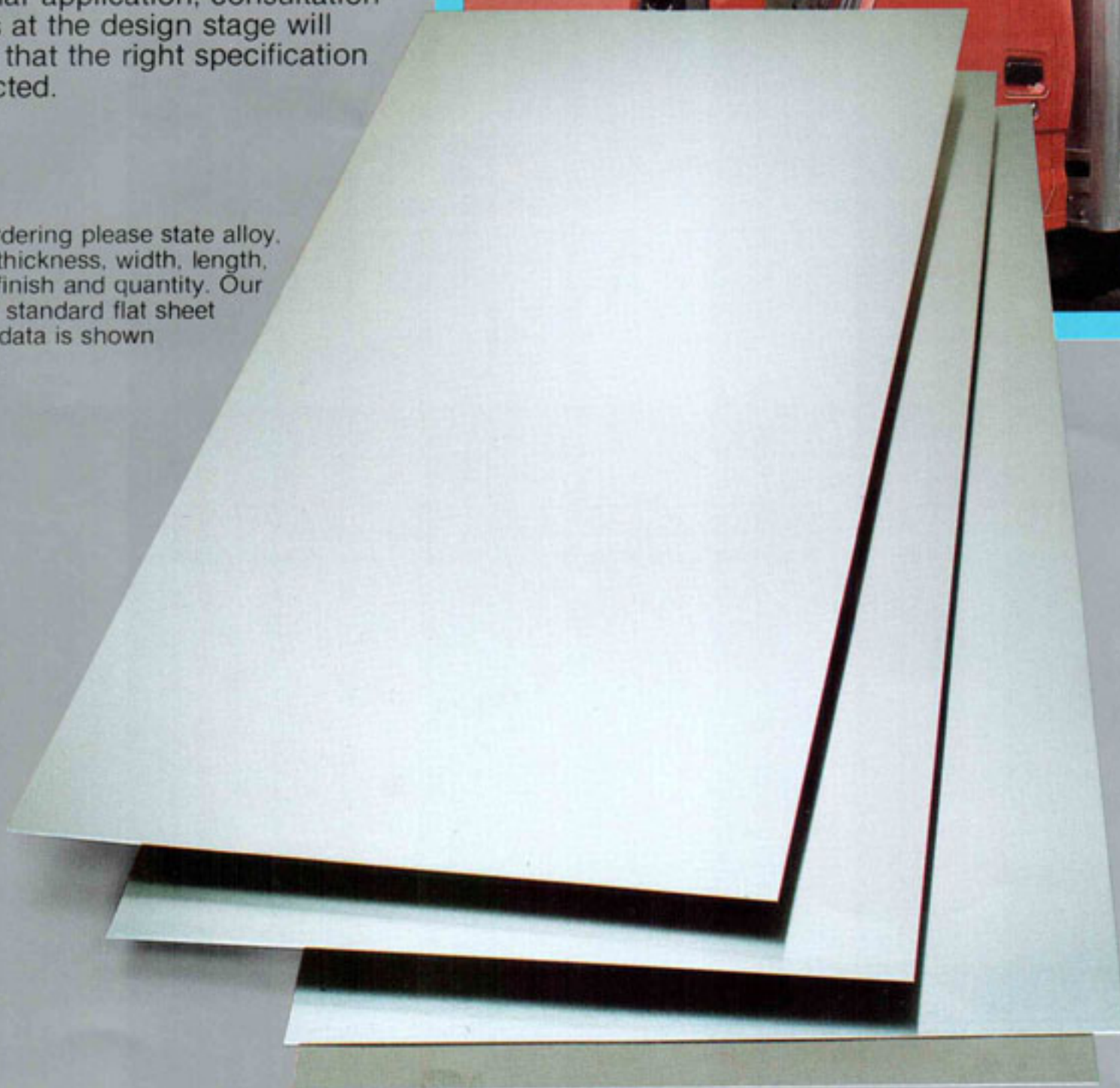
FLAT SHEET

Alcom's flat sheet is used in a wide range of industrial and consumer application: from panelling, kitchen sinks, bus bodies, advertising signboards to general engineering. Its dead flat characteristics make it ideal for panelling and bus body building. It can be punched, pressed, drilled, formed, welded and painted on.

Our flat sheet is made in a correspondingly wide range of alloys, tempers, sizes and finishes that match the variety of applications and processes in the manufacturing industry.

Where any doubt exists about the suitability of the flat sheet for a particular application, consultation with us at the design stage will ensure that the right specification is selected.

When ordering please state alloy, temper, thickness, width, length, surface finish and quantity. Our range of standard flat sheet product data is shown overleaf.



STANDARD PRODUCT SPECIFICATIONS

FLAT SHEET

ALLOY: AA1100
AA3105

Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OTHERS		Al
									EACH	TOTAL	
AA 1100	0.95 Si + Fe		0.05-0.20	0.05	—	—	0.10	—	0.05	0.15	99.00 min.
AA 3105	0.6	0.7	0.30	0.3-0.8	0.2-0.8	0.20	0.40	—	0.05	0.15	Remainder

Ultimate Tensile Strength (MPa)

Temper Alloy	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	145	130	180	150	200	170	220	190	—

Standard Specifications

TEMPER	0	H14	H18	H28
	H24	H24, H26	H18	H28
THICKNESS	0.3—1.0 mm (in 0.1 mm increment) 1.2—2.0 mm (in 0.2 mm increment) 2.5 mm	0.3—1.0 mm (in 0.1 mm increment) 1.2—2.0 mm (in 0.2 mm increment) 2.5 mm, 3.0 mm	1.0—2.0 mm (in 0.2 mm increment)	0.3—0.9 mm (in 0.1 mm increment)
	0.3—1.0 mm (in 0.1 mm 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—1.0 mm (in 0.1 mm increment)
WIDTH	915 mm, 1220 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	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	2440mm, 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			
	1 tonne/crate — domestic or export			

All illustrations and specifications contained in this brochure are based on the latest product information available at the time of publication.

As a result of continuing product development and improvement, the right is reserved to make changes and to discontinue any item or process at any time without notice.