

TREAD PLATE

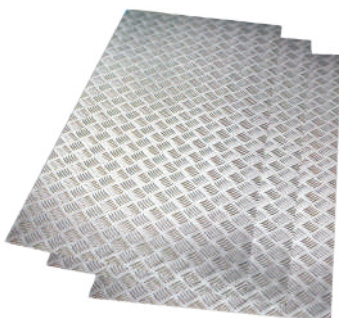
Infinite Possibilities. Build For The Future.

ABOUT TREADPLATE

Alcom's 5-bar aluminum tread plate offers the market the benefits of a strong corrosion resistant, strong yet lightweight, attractive and easy to clean flooring material. Its non-slip surface, combined with the characteristics of aluminum, makes it ideal for foot traffic in places where hygiene is of major importance such as pharmaceutical and food processing plants. It is also widely used on platforms and in vehicle flooring applications where the lightweight and corrosion resistant properties are highly valuable.

The 5-bar pattern provides groupings of 5 parallel 35 mm lozenges, 3mm apart. Each group is set at 90° to each other and 7mm from the adjacent group.

When ordering please state thickness, width, length and quantity. The product data is shown overleaf.



ALUMINIUM - METAL OF THE FUTURE



Lightweight



Corrosion
Resistance



High Thermal
Efficiency



Reflectivity



Ductile &
Malleable



Recyclability



Buy-Back
Guarantee

Standard Product Specifications

ALLOY: AA3105

Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
									Each	Total	
AA3105	0.60	0.80	0.30	0.50 - 0.90	0.20 - 0.70	0.10	0.25	0.10	0.05	0.15	Remainder

Ultimate Tensile Strength (MPa)

Temper	O		H4		H6		F	
Alloy	Min	Max	Min	Max	Min	Max	Min	Max
AA3105	95	145	150	200	170	220	As Fabricated	

Standard Specifications

Temper	O, H4, H6, F
Thickness	1.20 - 4.30 mm
Width	900 - 1525 mm
Length	1800 - 4680 mm
Surface Finish	Five Bar
Height of Lozenges	1.00 mm minimum

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Our vision and company values reflect our capabilities and aspirations, and the unique properties of the products that we make. Our future lies in continually reinforcing the value proposition we offer to our customers and the commitments we've made to all our stakeholders including the environment and the communities in which we operate. We will build on our legacy and continue to create high-value products to make the world lighter, brighter and better.



CONTACT US

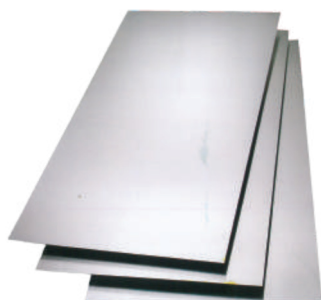
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FLAT SHEET



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ABOUT 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 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.

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Standard Product Specifications

ALLOY: AA1050, AA1100, AA8011, AA3105

Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
									Each	Total	
AA1050	0.25	0.4	0.05	0.05	0.05	-	0.05	0.03	0.03	-	99.50 min
AA1100	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	0.05	0.15	99.00 min
AA3105	0.60	0.80	0.30	0.50 - 0.90	0.20 - 0.70	0.10	0.25	0.10	0.05	0.15	Remainder
AA8011	0.50 - 0.90	0.60 - 1.00	0.10	0.20	0.05	0.10	0.10	0.08	0.05	0.15	Remainder

Ultimate Tensile Strength (MPa)

Temper	O		H2		H4		H6		H8	
Alloy	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA1050	60	100	80	120	95	125	120	145	125	-
AA1100	75	105	95	130	110	145	130	165	150	-
AA3105	95	145	130	180	150	200	170	220	190	-
AA8011	85	130	105	145	125	165	145	185	160	-

Standard Specifications

Temper	O, H2, H4, H6, H8, F
Thickness	0.21 - 4.00 mm
Width	500 - 1525 mm
Length	500 - 4680
Surface Finish	Mill finish; Stucco - embossed (for gauge 0.3 - 1.0 mm); Prepainted
Packing	Up to 2000 kg per pallet

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COILED SHEET



Infinite Possibilities. Build For The Future.

ABOUT COILED SHEET

Alcom's coiled sheet offers the benefit of long length and has been used extensively in simple applications such as panelling and insulation to the manufacture of precision capacitor casings.

As with our flat sheet, the coiled sheet is made in a wide range of alloys, tempers, sizes and finishes offering to clients the full versatility of the product.

Very often we tailor-make the coiled sheet to suit the customer's requirement and our technical personnel are on hand to provide the consultancy service.

When ordering please state alloy, temper, thickness, width, coil ID and OD or coil weight, surface finish and quantity. Our range of standard coiled sheet product data is shown overleaf.



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Guarantee

Standard Product Specifications

ALLOY: AA1050, AA1100, AA1200, AA3105, AA8011

Chemical Composition Limits (% by weight)

Elements	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Ai
Alloy									Each	Total	
AA1050	0.25	0.4	0.05	0.05	0.05	-	0.05	0.03	0.03	-	99.50 min
AA1100	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	0.05	0.15	99.00 min
AA1200	1.0 Si + Fe		0.05	0.05	-	-	0.10	0.05	0.05	0.15	99.00 min
AA3105	0.60	0.80	0.30	0.50 - 0.90	0.20 - 0.70	0.10	0.25	0.10	0.05	0.15	Remainder
AA8011	0.50 - 0.90	0.60 - 1.00	0.10	0.20	0.05	0.05	0.10	0.08	0.05	0.15	Remainder

Ultimate Tensile Strength (MPa)

Temper	O		H2		H4		H6		H8	
Alloy	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA1050	60	100	80	120	95	125	120	145	125	-
AA1100	75	105	95	130	110	145	130	165	150	-
AA1200	75	105	95	130	110	145	130	165	150	-
AA3105	95	145	130	180	150	200	170	220	190	-
AA8011	85	130	105	145	125	165	145	185	160	-

Standard Specifications

Temper	O, H2, H4, H6, H8
Thickness	0.210 - 4.000 mm
Width	50 - 1525 mm
Internal Diameter	152 mm / 300 mm / 508 mm
Core Material	Aluminium / Paper / Steel
Surface Finish	Mill finish; Stucco-embossed (for gauge 0.3 - 1.0mm); Prepainted
Packing	Up to 5000 kg per coil

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