



ALUMINIUM INDUSTRIAL SOLUTIONS

A member of the ALSPEC group

ALUMINIUM INDUSTRIAL SOLUTIONS PRODUCT CATALOGUE

Suppliers of Quality Aluminium Products

www.aluindustrialsolutions.com.au

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ALUMINIUM INDUSTRIAL SOLUTIONS

MISSION STATEMENT

At Aluminium Industrial Solutions, our mission is to provide the Australasian market with high-quality aluminium products, accompanied by an extensive range of value-added services and capabilities. We are committed to delivering exceptional customer service and superior rolled and extruded aluminium products, tailored for the engineering, marine, transport, building, fabrication, and advanced technologies sectors.

WHO WE ARE

Aluminium Industrial Solutions is an Australian-owned company, based in Dandenong, Melbourne, VIC. Our strategic location enables us to efficiently distribute materials nationwide, ensuring quick and reliable delivery for all our customers. We have supplied the local markets for almost thirty years through metal distributors and major end users.



OUR COMMITMENT

Our team consists of highly skilled professionals with extensive experience in the industries we serve. We pride ourselves on our flexibility, speed of response and dedication to customer satisfaction, ensuring that every client receives the highest level of service and support. We source our materials exclusively from the most reputable mills, guaranteeing that our products meet the highest quality standards.

OUR PROMISE

We are devoted to working with the metal distribution sector to support the engineering, marine, transport, building, fabrication, and advanced technology sectors with top-notch aluminium solutions. We look forward to assisting you with your next aluminium requirement, providing products and services that meet and exceed your expectations.

ABOUT US

Our team of dedicated staff has over 100 years of combined experience in the aluminium industry and is happy to help you with any enquiry, large or small.

AIS has a 10,000 m² modern warehouse in the heart of Melbourne's industrial hub with excellent transport links. From here, we are able to service customers in Australia's main cities and beyond, for example shipment to New Zealand or the South Pacific.

SERVICES

- Technical information about aluminium metal
- Metal processing
- Transport
- Stockholding
- Price management
- Aluminium market intelligence

Cut-to-length line

Capable of processing coil up to 1600m wide and 3mm in thickness with further ability to paper interleave or add PE film both sides. Sheets can be produced from as short as 500mm to as long as 8000mm. The line allows customers to order bespoke lengths to their exact project requirements in sub mill order MOQs with a very short lead time.



Slitting line

Processing coils up to 1250mm wide and 2mm in thickness. Also used for coil breakdowns to produce small coils.



Manual PE applicator

For adding PE film protection to already cut sheet.

PE film types include PE50 micron clear, PE80 micron and laser quality PE all with easy peel tack for simple removal after fabrication or assembly.

PRODUCTS



ALUMINIUM TREADPLATE

AIS holds aluminium treadplate in 5052 H114 (O temper) 5 bar pattern and 3003 H22 1 bar bright propeller plate.

Specifications

Thickness for 5 bar treadplate:
1.6mm, 2mm, 3.0mm, 5mm and 6mm

Thickness for 1 bar propeller plate:
1.6mm, 3mm

Sizes:
1200 x 2400mm
1500 x 3000mm

Other sizes are available on request.



ALUMINIUM SHEETS AND PLATES

AIS holds and produces aluminium sheets in a wide range of alloys and dimensions. Alloys commonly offered include 1050, 1200, 1150, 3004, 5005, 5052, 5251 and 5083.

These sheets are produced with or without interleaves or polyethylene (PE) coating – in thickness of 50 and 80microns or laser quality film.

Specifications

Common sheet and plate sizes held include:

5005 H34

Thickness: 1.2mm, 1.6mm, 2.0mm, 2.5mm, 3mm, 4mm, 5mm, 6mm

Size: 1200 x 2400mm

1500 x 3000mm

5052 H32 / 5251 H34 (marine grade)

Thickness: 1.2mm, 1.6mm, 2.0mm, 2.5mm, 3mm

Size: 1200 x 2400mm

1500 x 3000mm

5083 H321 (structural marine grade) Can include DNV certification

Thickness: 3mm, 4mm, 5mm, 6mm

Size: 1200 x 2400mm

1500 x 3000mm

Other sizes are available on request through mill order or processing on our cut-to-length line facility.



ALUMINIUM COILS

AIS imports and holds aluminium coils in various alloys and tempers. It includes coils in 1xxx, 3xxx, 5xxx and 8xxx series alloys for a wide range of applications in gauges, starting from 0.3mm to 4.0 mm and in various widths.

Coils are delivered to customers, held until required, or further processed if required in Melbourne.

Specifications

Alloys supplied include 1200, 3003, 3004, 5005, 5251 and 5052 series.

Widths and gauges to accommodate customer requirements.

Coils are supplied as mill finish or stucco embossed. These aluminium coils can be hot washed and tension levelled based on the customer's request.



STUCCO EMBOSSED COILS

AIS offers stucco-embossed finish coils and sheets. These are produced in various alloys, in both shallow and standard depths.

Specifications

Stucco Sheets are also available upon request.

| Pattern | Min Thickness | Max Thickness | Min. Width | Max. Width |
|------------------------------------|---------------|---------------|------------|------------|
| Standard & shallow stucco embossed | 0.35mm | 1.25mm | 500mm | 1,250mm |

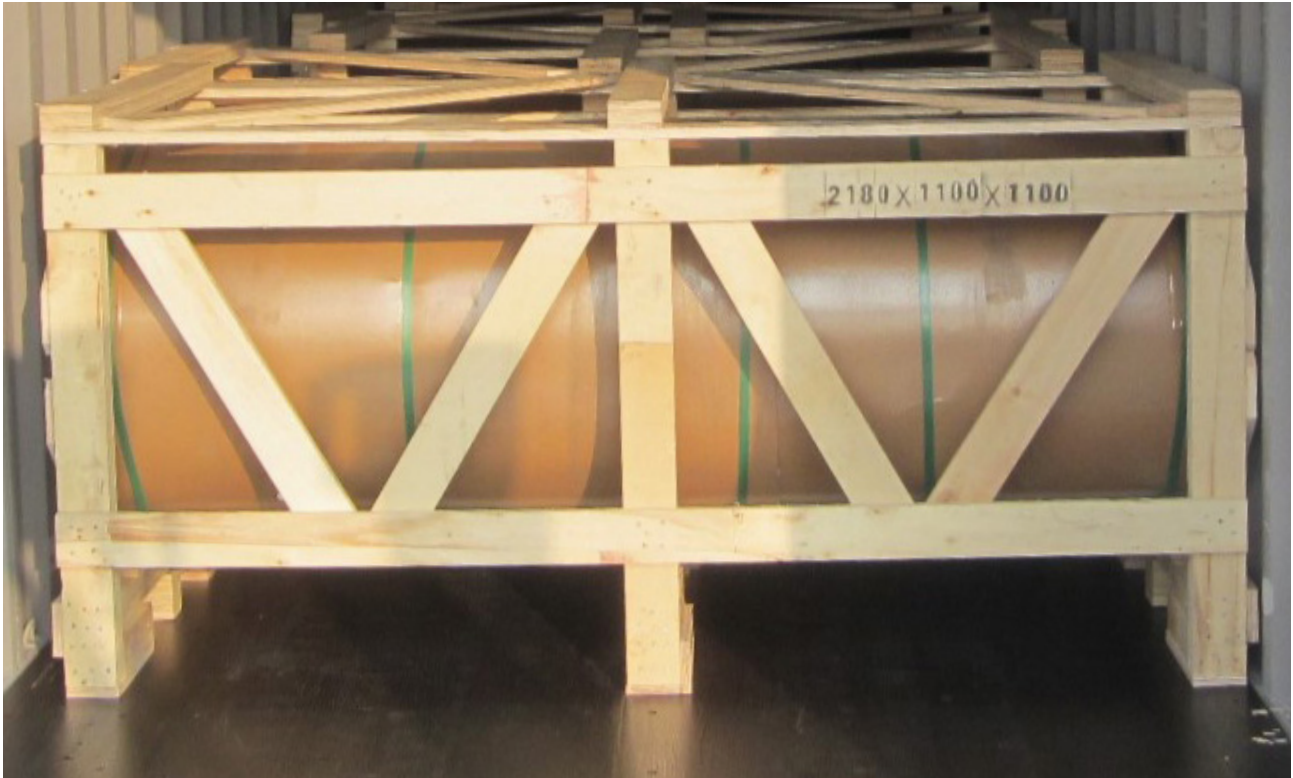


SLIT COIL

AIS produces slit coils according to customers' requirements. They are slit to narrower widths from mill width coil offering different types of alloys and tempers.

Specifications

In Melbourne, 2mm is the maximum slitting gauge thickness but thicker material can be ordered directly from supplying mills. Please send us your enquiries to check product availability.



WIDE ROOFING COIL

Wide roofing coil is stocked for supply to the transport market for commercial vehicle bodies and other similar applications.

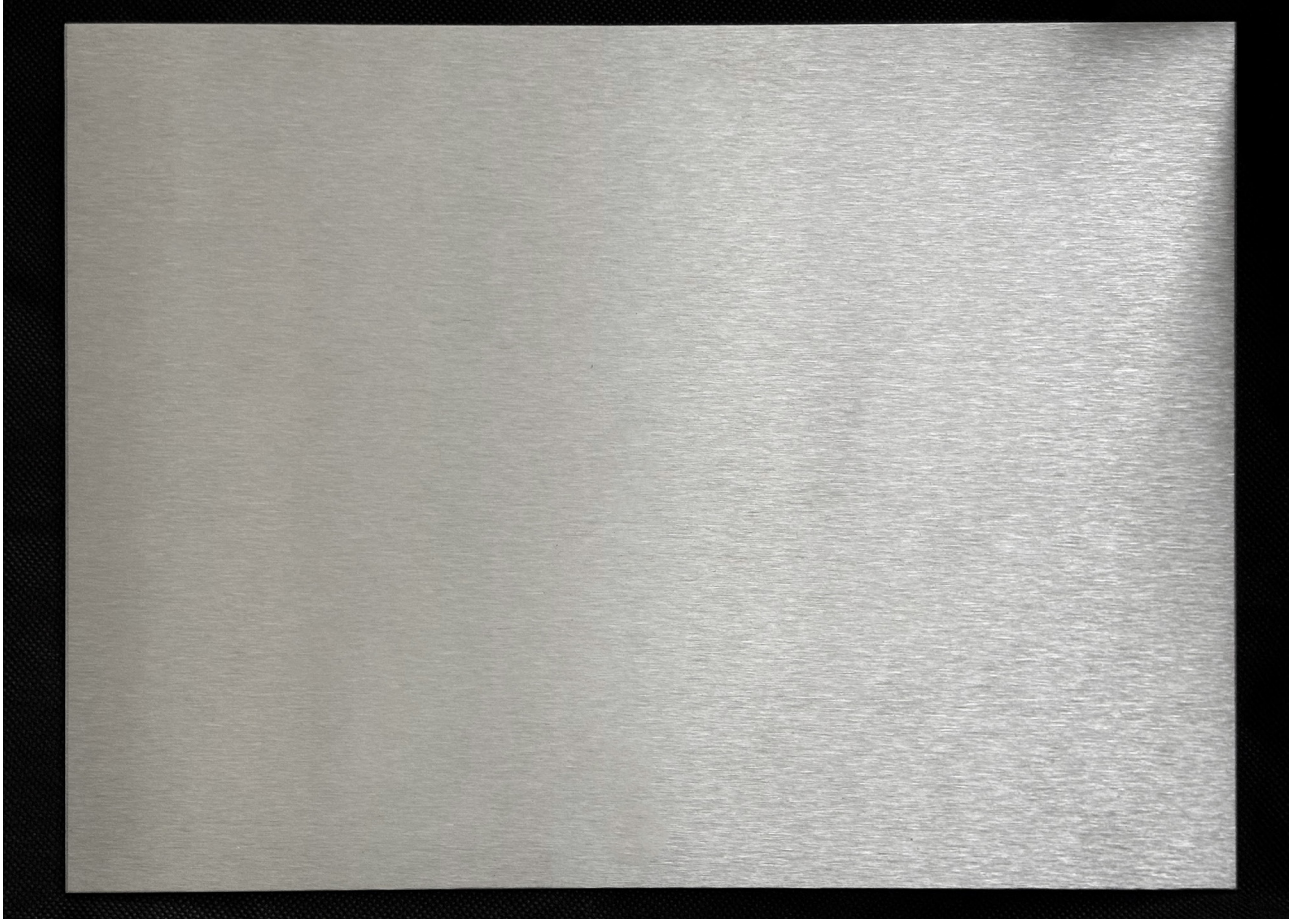
Specifications

Alloy: 3003

Temper: H16

Dimensions: 0.81 x 2515mm

Coil Weight: 1250kgs approximately



SIGN SHEET

AIS holds a range of sheet and coil to supply all standard and non-standard sizes of sign sheet, cut to half Australian standard flatness tolerance.

Please enquire for size availability.

Specifications

Alloy: 5052 H38 / 5251 H38

Gauges: 1.6mm, 2mm

Finish: Mill finish or finished (100/120 grit) one side or two sides

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BRANCH DETAILS

268-280 Greens Road Dandenong South Vic 3175
T: 03 9767 3000

CONTACT DETAILS

Brian Caruana | E: bcaruana@aluindustrialsolutions.com.au
Tu Nguyen | E: vtnguyen@aluindustrialsolutions.com.au

www.aluindustrialsolutions.com.au