

PT ALUMINIUM INDUSTRI MANDIRI















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ABOUT US

PT Aluminium Industri Mandiri is a subsidiary company of the Mandiri Abadi Group that is engaged in the extrusion of aluminum.

PT Aluminium Industri Mandiri located in Jepara, Central Java with the trademark AIMEX.



PT Aluminium Industri Mandiri has a production capacity of up to 800 tons monthly.

The one-door production system provides belief to PT Aluminium Industri Mandiri to provide the best quality products, on-time delivery is full attention to produce customer satisfaction.



















WE BUILD TOGEHTER

VISION

Develop into a provider company of Aluminium extrusion on a large national and international scale.

MISSION

- Applying the best standard, starting with materials, process, and manufacturing output.
- Aim to build environment protection and sustainable social responsibility.
- To build a field of work for neighboring society.
- To Improve the best value for all stakeho Iders .
- To build a safe workplace, healthy and productive, as well as to implement cultural occupational health and safety.



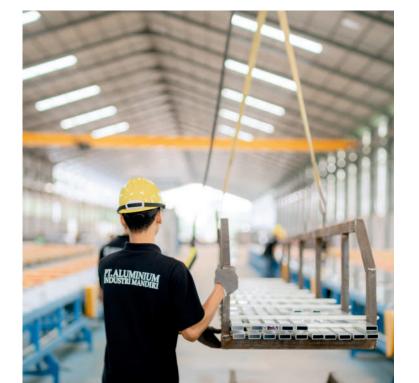












MANUFACTURING **PROCESS**









Extrusion





Aging



Powder Coating



Anodizing



Mill Finished



Finish Good



















MATERIALS

Alloy 6061

6061 is a precipitation-hardened aluminium alloy, containing magnesium and sillicone as its major alloying elements. 6061 has a good mechanical characteristic, it shows good welding capability, and commonly extruded.

Alloy 6063

6063 is the most common alloy used for aluminium extrusion. It allows complex shapes to be formed with very smooth surfaces, is fit for anodizing and suitable for architectural applications, such as window frames, door frames, roofs, and sign frames.





















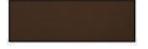
STANDARD FINISHING



FINISH COLOR



CLEAR ANODIZE



BROWN ANODIZE



BLACK ANODIZE



WOOD GRAIN 1-E

WOOD GRAIN 1-D

Mill Finish

Pure result from aluminium extrusion without anodize or powder coating process.

Anodizing

The electrolyzation coating method uses electrolyte solution as a link between Cathode and anode, thus the surface undergoes a reaction oxidation and created aluminium oxidation layer within the surface, therefore, it will be a protective layer which is also serves as decorative.

Powder Coating

Painting method using specific powder for metal coloring and other hard materials such as aluminium.



WOOD GRAIN 1-A



WOOD GRAIN 1-B



WOOD GRAIN 1-C

Wood Grain

Wood grain finishing on aluminum is a coating technique that makes the surface resemble natural wood through a process of powder coating and sublimation/transfer printing. The result provides a wood-like aesthetic while keeping the advantages of aluminum: lightweight, strong, corrosion-resistant, and low maintenance. This finishing is widely used for window frames, doors, facades, and furniture as an eco-friendly and durable alternative to wood.

















BASIC COLOR



PBLM
POWDER COATING
BLACK MATTE



POWDER COATING ARCTIC WHITE



PBRG
POWDER COATING
BROWN GLOSSY



POWDER COATING MILKY WHITE



BRBROWN ANODIZE



HT BLACK ANODIZE



CA CLEAR ANODIZE

















WOOD GRAIN



WG1A WOOD GRAIN 1-A



WG1B WOOD GRAIN 1-B



WG1C WOOD GRAIN 1-C



WG1D WOOD GRAIN 1-D



WG1E WOOD GRAIN 1-E

















DIES MANUFACTUTRING /MOLD



Wire Cut



Corrector



CNC Milling



Hardening

















ALUMINIUM MANUFACTURING PROCESS





Smelting





Billet



Casting/Forming









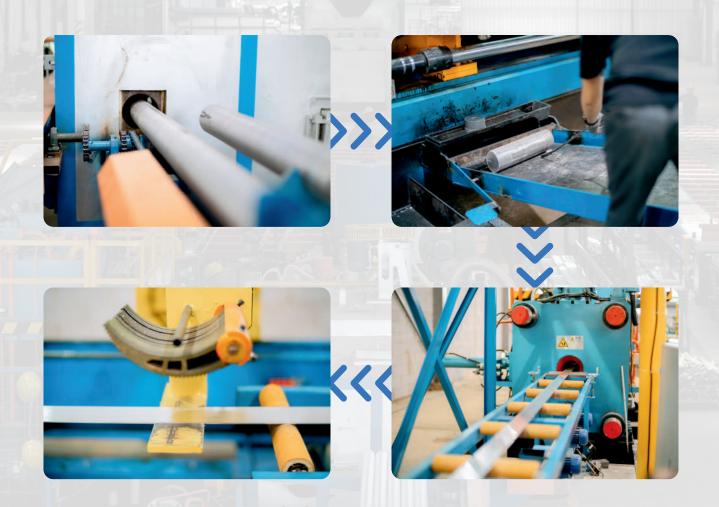








EXTRUSION PROCESS



Billet inserted in the oven machine within temperature 540° Celsius and cut beforehand before extrusion. A piece of billet can produce aluminium profile 30 meters long.



















AGING

Aluminium profile heating process using oven within temperature ±200° Celcius during a specific time, thereafter it is blown/refrigerated rapidly using Blower. "In this process which will distinguish Aluminum Profile according to its hardness."



















FINISHING AREA PRODUCT



Mill Finish

Pure result from aluminium exrusion without anodize or powder coating process.



Anodizing

The electrolyzation coating method uses electrolyte solution as a link between katoda and anoda, thus the surface undergoes a reaction oxidation and created aluminium oxidation layer within the surface, therefore, it will be a protective layer which is also serves as decorative.



Powder Coating

Painting method using specific powder for metal coloring and other hard materials such as aluminium.

















FINISHING AREA PRODUCT



Wood Grain

Aluminum with wood grain finishing is aluminum that has been coated to look like real wood. It's commonly used for window frames, doors, fences, cladding, and furniture, giving a natural wood look with long-lasting performance.















WAREHOUSE / DELIVERY























THE PRODUCT









Architectural

- SHOPFRONT 3"
- SHOPFRONT 4"
- CASEMENT WINDOW
- SLIDING WINDOW
- AWNING WINDOW

- SLIDING DOOR
- SWING DOOR
- FOLDING DOOR
- WINDOW WALL
- CURTAIN WALL

















THE PRODUCT













Industrial

- FURNITURE
- OTOMOTIF
- HEATSINK
- HOSPITALITY
- SHOWCASE
- LADDER



























We Are Committed To Provide The Best Services For Clients And Users.

Our operations guided by sustainable development strategy and sustainable reparation which is in line with national and international standard, so accordingly we have been awarded with multiple certificates and labels.

As a commitment, PT Aluminium Industri Mandiri has obtained support from certification agency regarding management system, products, service, and its process has complied with applicable regulations, as well national and international standard.



ISO 9001:2015





ISO 14001:2015





ISO 45001:2018





TINGKAT KOMPONEN DALAM NEGERI





APPROVAL BY JOTUN (SUPER DURABLE & FACADE)





STANDAR NASIONAL INDONESIA







GREEN LABEL INDONESIA







OUR CONTACT

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QR WEBSITE



