



DESIGN · ENGINEERING · MANUFACTURING

ARTCLAD (THAILAND) CO. LTD.

COMPANY PROFILE

INTRODUCTION

Artclad (Thailand) Co.,Ltd. is the unitised curtain wall facade system producer and supplier, with a keen specialisation in sustainable innovations such as Unitised Curtainwall Systems, Photovoltaic Panels, Motorised Jalousie Systems and Performance Louvers. We pride ourselves in our belief of building a sustainable future with quality facade products, along with our Zero-Waste policy. This challenges us to lower our costs, keep our prices competitive, through innovating for a better tomorrow.

We established our presence in Ayutthaya, Thailand in July 2013 as a joint venture with Schimmer Metal Standard Co.,Ltd. The venture leveraged on the production capabilities of Thailand's largest and most reputable aluminium extrusion profile suppliers.

We are an efficient operation capable of end to end services, including full production administration, production management, shop drawings and fabrication drawings, production planning, procurement of materials, quality control, inspection & testing, complete manufacturing products and logistic administration. Our unique synergy and venture partnership between the Facade Specialist and Aluminium Extruder, gives us every confidence in going beyond expectations of every project's execution and delivery.



Certified by **SGS - ISO 9001:2015**
The Manufacturing of Curtain wall panel.



AUTHORITY CERTIFICATION

ISO 9001: 2015

MANUFACTURING OF CURTAIN WALL PANEL





**“ IF A BUILDING BECOMES
ARCHITECTURE, THEN IT IS ART ”**





ARTCLAD PRODUCTION FACILITIES

PRODUCTION FACILITIES SPECIFICATIONS:

MACHINING FACILITIES

- 3 CNC Machining Center Machines
- 4 CNC Double Head Saw Machines
- 1 Hydraulic Shearing Machine
- 1 Single Head Cutting Saw Machine
- Yearly capacity: 2,050 tons
- 3 Hydraulic Punch Machines
- 4 Notching Machines
- 1 Hydraulic Bending Machine

PRODUCTION LINES

- 2 production lines
- 8 hours per day
- Daily output: 60 typical CW panels (est. 360 m)
- Yearly capacity: **120,000 m**

"1,300 tons for typical CW panel + 750 tons for extra machining work the above capacity is based on the standard 8 hours of production daily"



FABRICATION FACILITY

EXTRUSION PROFILE CUTTING
BENDING AND SHEARING MACHINE
ASSEMBLY & GLAZING LINES



FABRICATION FACILITY

EXTRUSION PROFILE CUTTING





FABRICATION FACILITY

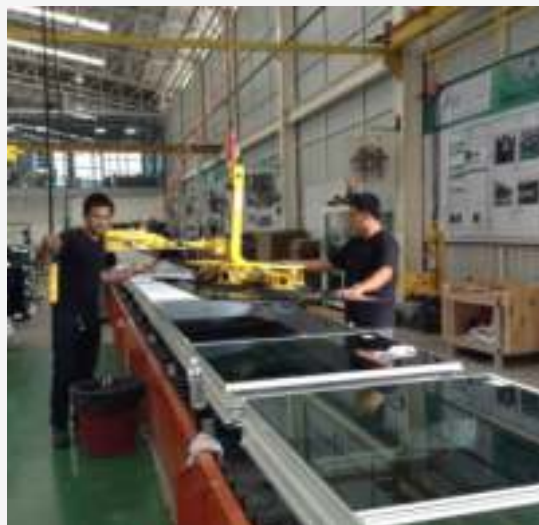
**BENDING & SHEARING
MACHINE**





FABRICATION FACILITY

**ASSEMBLY &
GRAZING LINES**



QA/QC PROTOCOLS

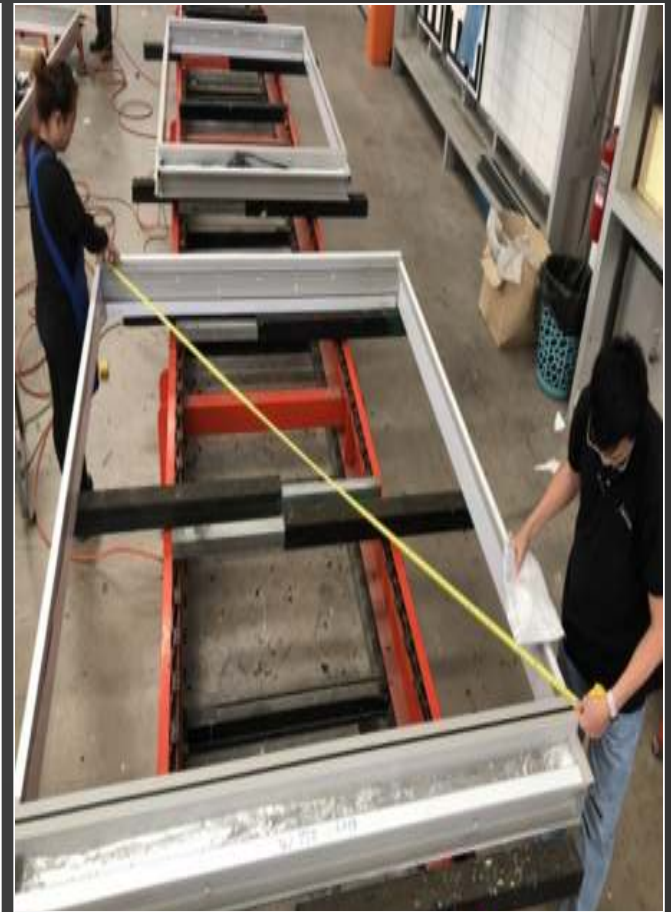
All incoming materials to completed products, every inch of product are subjected to detailed quality checks and undergo strict QA/QC compliance testing according to our Inspection Test Plan (ITP) before it leaves the factory.



Deglazing of curtainwall panel in accordance with sealant and customer requirements



Material surface coating checks



On line curtainwall frame checking



POST PRODUCTION

CLEANING PACKING & SHIPMENT





INDOOR WAREHOUSE & STORAGE



M O C K - U P W A L L



VISITORS & FACTORY INSPECTION BY CLIENTS





RESEARCH AND DEVELOPMENT

Collaboration with **Asahi Glass Co., Ltd. (AGC)** to develop the new building facade systems.

- Photovoltaic Panel

- Double Skin Facade

OUR PARTNER

SCHIMMER METAL STANDARD

We are proud to call SMS Schimmer our partners in this joint venture; the largest and most reputable aluminium extruder in Thailand.

Extrusion Facilities	: 8 Presses
No. of Presses	: 2,500 Tons per Month
Capacities	: 1100, 1050, 3003, 6060, 6061, 6063,
Alloys	6005A, 6082, 6106, 6351, 7005
Billet Sizes	: 4", 4.5", 5", 7", 8", 10"
Temper	: T1, T4, T5, T6, T66
Extrudable (Kg/m)	: 0.1 kg./m. up to 10 kg./m.
Largest Diameter Extruded	: 350 mm. (depends upon each profile)
Profiles Extruded	: Solid, Hollow, Semi-Hollow Standard
Tolerances	: AA Standard (American)
	AS Standard (Australian)
	JIS Standard (Japanese)
	EN Standard (European)



PVF₂ FACILITIES SPECIFICATIONS

As a fully integrated aluminium supplier, SMS Schimmer offers customers with variety of colors from recognized supplier such as PPG Industrial Coatings, Akzo Nobel, DNT, Nippon Paint, The Valspa Corporation and Becker Industrial. SMS Schimmer is an approved applicator compliance with AAMA 2605-98 specifications onto architectural and panels for exterior works.

Facilities : 1 Automatic Spray Systems

Capacities : 40,000+ Square Meter per Month



POWDER COATING FACILITIES SPECIFICATIONS

By using fully automatic electrostatic spraying process, the uniform coverage, minimum waste from overspray and low cost automation can be ensured. SMS Schimmer is also an approved applicator for well-known powder coating suppliers such as Jotun Powder Coatings, Akzo Nobel and etc. We offer a wide variety of colors for architectural, industrial and consumer uses.

Facilities	:	1 Vertical and 2 Horizontal Line
Pre-Treatment	:	Non-Crome / Crome
Capacities	:	2,500 Tons per Month
Warranty	:	10 / 15 / 25 / 30 Years
Approve Applicators	:	Interpon, Jotun, Dulux , PPG, TOA



ANODIZING FACILITIES SPECIFICATIONS

Anodizing is an electro-chemical process to retain the metallic appearance which makes aluminium possible to exploit its strength and lightness in a large number of application, particularly in building and construction. SMS Schimmer is equipped with horizontal anodizing facilities.

Facilities : 4 Natural Anodizing, 2 Color Anodizing

Capacities : 800 Tons per Month

Color : Natural Anodizing (NA1)

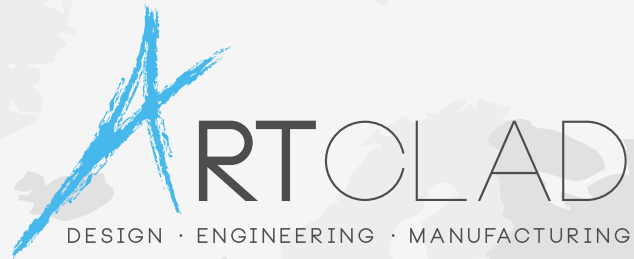
Bronze (512 & 514)

Black (517 & 519)

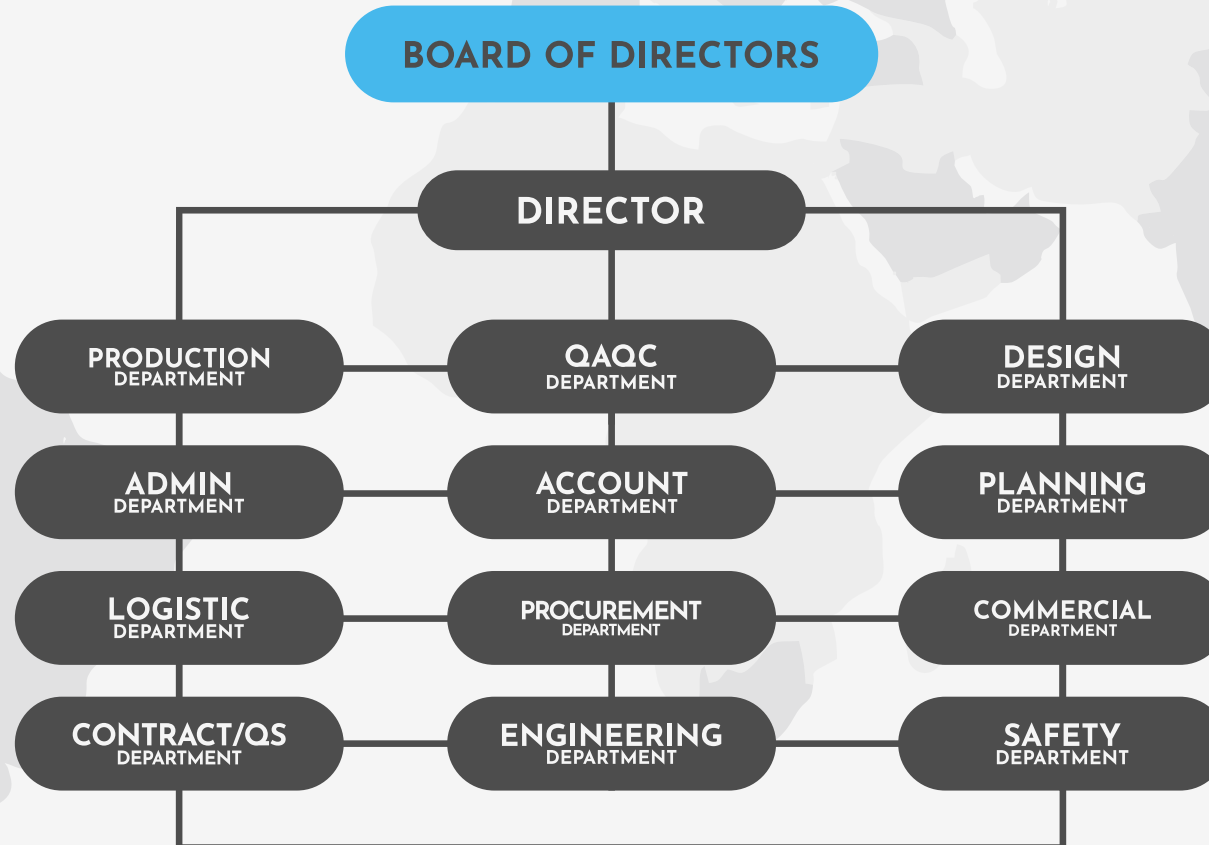
Finish : Clear Finish

Satin Finish

Micron : 10μ, 15μ, 20μ, 25μ



ORGANIZATION CHART





COMPLETED PROJECTS

SINGAPORE MANAGEMENT UNIVERSITY SINGAPORE



OUTRAM COMMUNITY HOSPITAL

SINGAPORE

AUTOMATIC JALOUSIE WINDOW SYSTEMS



CHURCH HOUSE

PERTH, AUSTRALIA



MEDIA COMPLEX ONE NORTH SINGAPORE



TAG.A TAGORE LANE 81

SINGAPORE



AUSTRALIAN NATIONAL UNIVERSITY

CANBERRA, AUSTRALIA



FLINDERS CENTRE

SYDNEY, AUSTRALIA



TERMINAL 21 KORAT

NAKHON RATCHASIMA, THAILAND



KINGS SQUARE FREMANTLE

PERTH, AUSTRALIA



SUMMIT HOMES

PERTH, AUSTRALIA



THE NEXTDC S2

SYDNEY, AUSTRALIA



NATIONAL INSTITUTE METROLOGY

BANGKOK, THAILAND



BANGKOK HOSPITAL

BANGKOK, THAILAND



MAHACHAI 2 HOSPITAL

BANGKOK, THAILAND



TOYOSU 2 CHOME

TOKYO, JAPAN



UNIVERSITY OF WESTERN

PERTH, AUSTRALIA



125 MURRAY STREET

PERTH, AUSTRALIA





ONGOING PROJECTS

WOODLANDS HEALTH CAMPUS

SINGAPORE

AUTOMATIC JALOUSIE WINDOW SYSTEM



LEEDERVILLE SQUARE

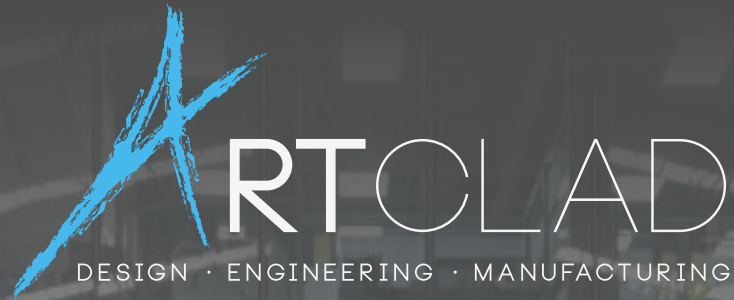
PERTH, AUSTRALIA



NORTH TERRACE - GLOBAL STUDENT ACCOMMODATION (GSA)

ADELAIDE, AUSTRALIA





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