

ALUMEX®

Ultimate in Aluminium Profiles



OUR VISION

“To be the Premier Aluminum Extrusion Manufacturer in the South Asian Region.”





About Alumex

- Alumex PLC is the leading manufacturer of Aluminum Profiles in Sri Lanka.
- Only Company have Global Representation
- Incorporated in 1986 and commenced its production activities in 1988.
- Alumex PLC is equipped with modern Extrusion, Anodizing, Powder Coating, Wood Effect & Chemical Brightening facilities.
- Also produce logs and equipped with CNC machinery for die making.
- Alumex PLC is Qualicoat, Qualicoat (Sea Side), Qualanod, ISO 9001:2015 & SLS certified Aluminium profiles manufacturer in Sri Lanka.
- Alumex PLC is a Member of Hayleys Group



The World Of

Hayleys®

Since 1878

Hayleys Plc. The Most Diversified and the Largest Business Conglomerate in Sri Lanka.

With a 140 year heritage and business interests that span across 16 sectors and a global footprint reaching across to business strongholds in 5 continents and 17 countries across the globe, we are a force to be reckoned with in business. Visit www.hayleys.com



Eco Solutions



Hand Protection



Purification



Textile Manufacturing



Construction Material



Agriculture



Plantations



Transportation & Logistics



Leisure & Tours



Industrial Solutions, Power & Energy



Retail



BPO



Aviation & Travel



Investments & Services



Projects/ Engineering Solutions



Tea Exports

Alumex Journey



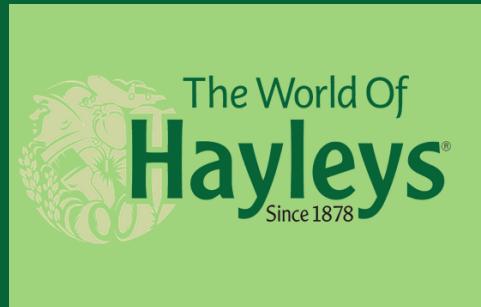
Alumex private Limited initiated as a South Korean Sri Lankan joint venture



First powder coating plant was installed



Modern Anodizing plant was installed



The World Of
Hayleys[®]
Since 1878

Hayleys PLC acquires controlling ownership of ALUMEX



Horizontal Fully Automated powder coating plant was installed

1986

1988

1999

2000

2008

2010

2015

2018

Commercial production began with the 6" inch extruder and the Anodizing plant



7" inch largest extruder in SL was installed.



6" inch Modern Extruder plant was installed



The first south Asian Vertical Fully Automated Powder coating plant & Fully Automated Extrusion Plant installed at Ekala factory



About Alumex

■ Over 650 Employees

■ Three Extrusion Machines

(Total Capacity 2000MT/Month)
Max. CCD 260MM

1. 6"(Chinese – 15MN) – in 2010

2. 7"(South Korean - 18MN) – in 2000

3. 7" / 8" Ekala (Presezzi, Italy – 23MN) – in 2018

■ Three Powder Coating Plants

(Capacity: 1425MT/Month)

1. Italtecno Plant (2015) - 425MT/ Month (Italy)

2. SAT Travisan Cube (2018) - 1000MT/ Month (Italy)

■ Anodizing Plant & Chemical Brightening Capacity - 400MT/Month (Monty Engineering; Italy)

■ Wood Finish Plant

Capacity - 60MT/ Month





Our Product Portfolio



Architectural Extrusions for Windows & Doors



Ladders



Tools & Components



Balustrade/Fence



Kitchen Cabinet



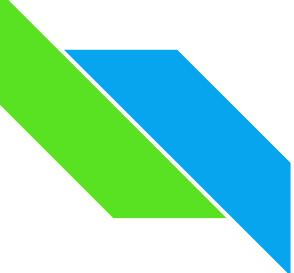
Photo Frames

Elegance Wardrobe System



Furniture Systems





Our Promise - Guaranteed Quality

- We offer minimum of 10 year warranties to our products which can extend up to 30 years with specialized surface coatings
- We offer Manufacturer's Quality Certificate to ensure that the products complying to international Specifications & Standards
- We use premium quality raw materials
- We conduct all the product testing required in-house
- We provide technical assistance to our customers

Quality Standards

- 1. ISO 9001:2015
- 2. SLS – I4I0
- 3. SLS – I4II
- 4. Qualicoat, Qualicoat (Sea Side) and Qualanod
- 5. Approved Applicator of Jotun, Akzo Nobel & DGL (Dulux - Australia), for all general powders and for super durable powders up to 30 year warranties)





Technical Standards for Alumex Extrusions

| Description | Test method | Standard |
|---------------------------|--|--|
| Chemical Composition | BSEN 515,BSEN 573,BSEN 755,BSEN 12020-2,SLS 1410 | Primary Aluminum alloy BSEN 6063,6060 or an equivalent Silicon Magnesium (0.45 – 0.55)% , Iron 0.2% max, etc... or Alloy 6061, 6082. |
| Tensile Strength & Temper | ISO 6892:2009 | Minimum 175 N/mm ² T1, T4, T5, T6, T66 |
| Wall Thickness | BS EN 12020-2 | CCD \leq 100 range ± 0.15 CCD \geq 100 range ± 0.20 |
| Length | BS EN 12020-2 | 2m \leq L \leq 5m Length Tolerance is (+7mm to -0) & 5m < L \leq 7m Length Tolerance is (+10mm to 0) |

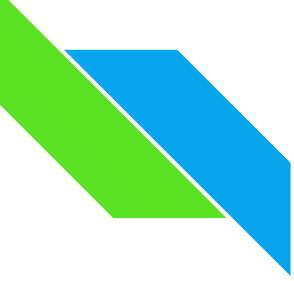
Technical Standards for Alumex Anodized Extrusions

| Description | Test method | Standard |
|----------------|---------------|--|
| Film Thickness | EN ISO 2360 | (10-15) μ , (15-20) μ (20-25) μ |
| Weight loss | BSEN ISO 3210 | Maximum loss of weight 30mg/dm ² |
| Dye Spot | BS EN 12373-4 | Rating is ≤ 2 |



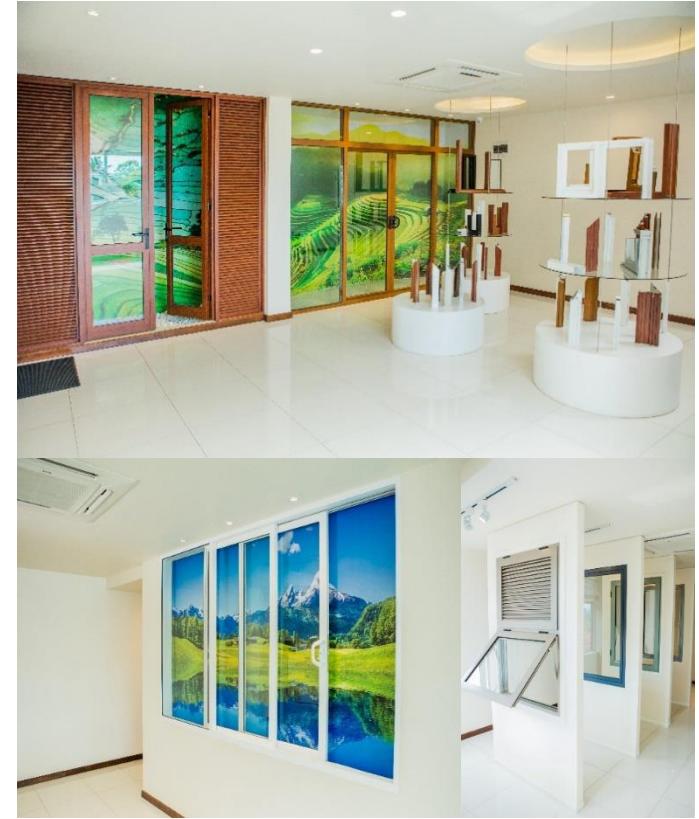
Technical Standards for Alumex Powder Coated Extrusions

| Description | Test method | Standard |
|----------------------------|-------------|--|
| Dry Film Thickness | EN ISO 2360 | According to powder suplier's Spec. |
| Gloss, initial,(angle 60°) | ISO 2813 | 30 ± 5 , 70 ± 7 , 100 ± 10 |
| Crosshatch(2mm + tape) | EN ISO 2409 | Cross cut rating GT0 Non of square of the lattice is detached |
| Impact | EN ISO 6272 | No detachment after tape pull adhesion test |
| Bend | EN ISO 1519 | No detachment after tape pull adhesion test |
| Cupping | EN ISO 1520 | With stand Minimum 5mm with out any detachment from the substrate |
| Indentation | EN ISO 2815 | Indentation resistance should be minimum 80 ($\alpha B > 80$) |
| Salt spray test | EN ISO 9227 | No corrosion creep from the scratch (one side), after test, No blistering after test |



Sri Lanka's only Aluminium Profile Manufacturer with UKAS Testing Accreditation

- C groove Casement
- ESD Sliding System
- Sliding& Fix Systems
- Curtain Walls up to 220mm with Thermal Breaks
- Double Glazed Sliding Systems
- Doors
- Unitized & Semi Unitized Aluminium Systems



The Biggest South Asian Fully Automated Vertical Powder Coating Plant & 7" & 8" Combined Extruder at Alumex Prime Production Facility at Ekala



Sri Lanka's only Approved Applicator for DGL, JOTUN & AKZO-NOBEL



Comprehensive warranties up to 30 years for Surface Coatings



GLOBAL BRANDS AND PARTNERSHIPS

Alumex is an ISO 9001:2015 certified Company with both QUALICOAT and QUALANOD certification for its high quality products.



USA



DUPONT CORIAN

A manufacturer of advanced composite product used as a decorative material.

NORWAY



HYDRO ALUMINIUM

Hydro Aluminium-Norway is a Norwegian Aluminium and renewable energy company, head-quartered in Oslo.

ITALY



AluK

A leader in the design and manufacture of a range of sophisticated Aluminium building systems.

GERMANY



ORG ADATA AG

A leading technology-driven company which develops analytical software systems.

INDIA



AKZO NOBEL INDIA LTD

The largest global manufacturer of powder coatings and a world leader in powder coatings technology.

TURKEY



NISAN MAKINA

Nisan Makina makes punching machineries used in Aluminium fabrication.



NEW ZEALAND



Altus (FLETCHER) ALUMINIUM

One of the largest conglomerates in New Zealand which supplies Aluminium proprietary systems.

JAPAN



MITSUBISHI PLASTICS INC.

Manufacturer and supplier of Aluminium composite panels.

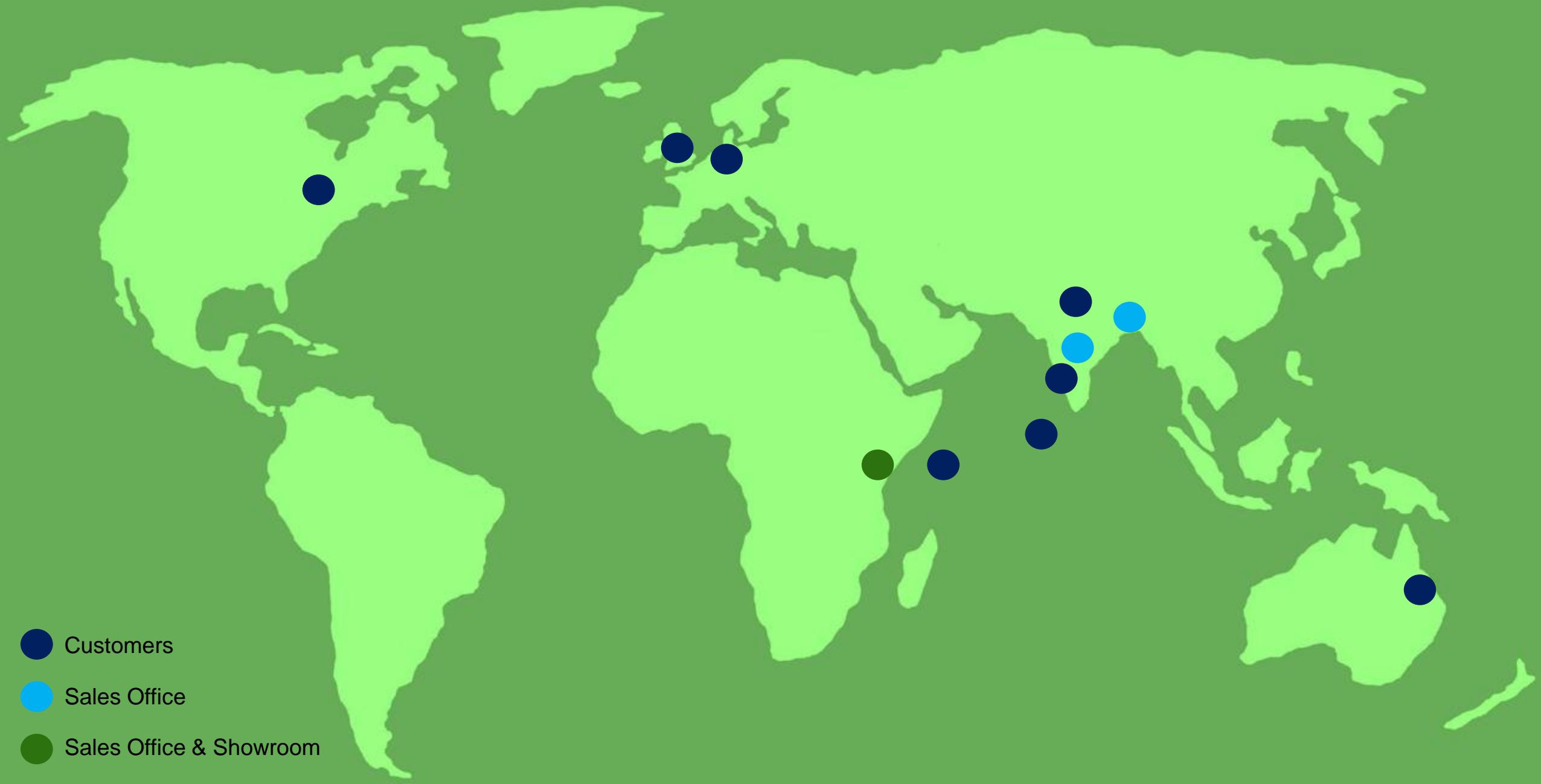
SINGAPORE



PRIME STRUCTURE

Prime Structures is a Singapore-based company providing complete building envelope solutions.

Our International Presence



Customers

Sales Office

Sales Office & Showroom

Few Recent Projects with Alumex





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