

BHORUKA

A YKK AP COMPANY

Extruding Excellence



Admired Companies to watch in India 2025 by **Forbes India**

Tomorrow's Mettle

BHORUKA EXTRUSIONS PRIVATE LIMITED



About Us

Established in 1979

100% subsidiary of
\$6.5 Billion YKK AP Inc.
Japan

Extrusion capacity of
15,500 MT / Annum
(6" / 8" / 9"- extrusion
press)

In-house Anodizing
capacity of 250 MT /
Month (Italtechno, Italy)

In-house Powder coating
capacity of 400 MT /
Month (Nordson , U.S.)

In-house Machining Facility
with new CNC Machining
Centres from FOM
Industries, Italy

»» Key Highlights

★ SAP Implementation Award



Award winning SAP
implementation
(ECC 6.0) in Metal Sector

★ Online Self-Updating E-catalogue



Instant access to thousands of
profiles listed in different
categories

★ Bhoruka 360 CRM & E Planner



Online order tracking through
Bhoruka 360 CRM portal) and
Planning (E-Planner)

★ Approved Extruder for System Windows



Airclos, AluK, Asahi, Dorma
IWIN, Schueco & others



About YKK AP

Philosophy



CYCLE OF GOODNESS

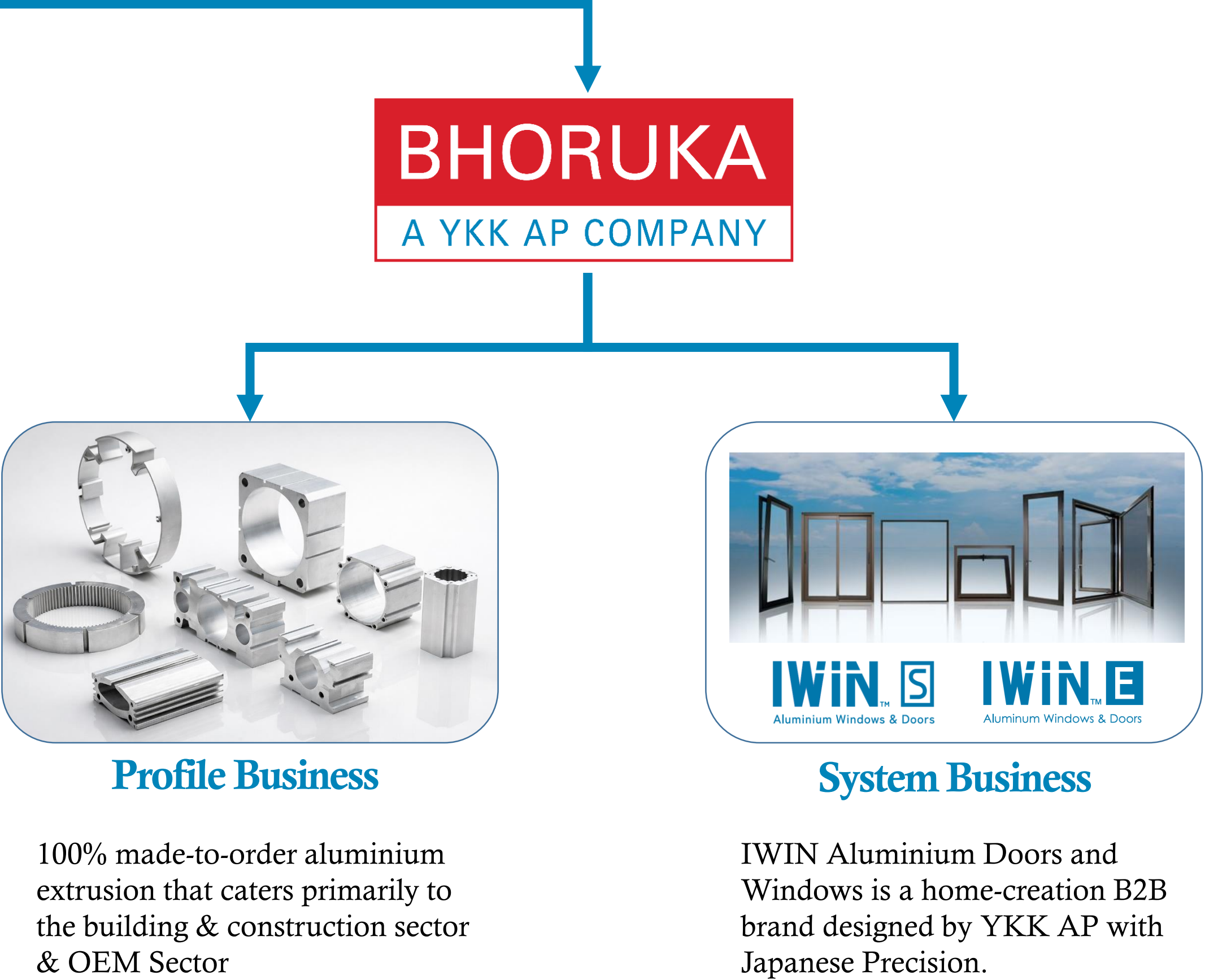
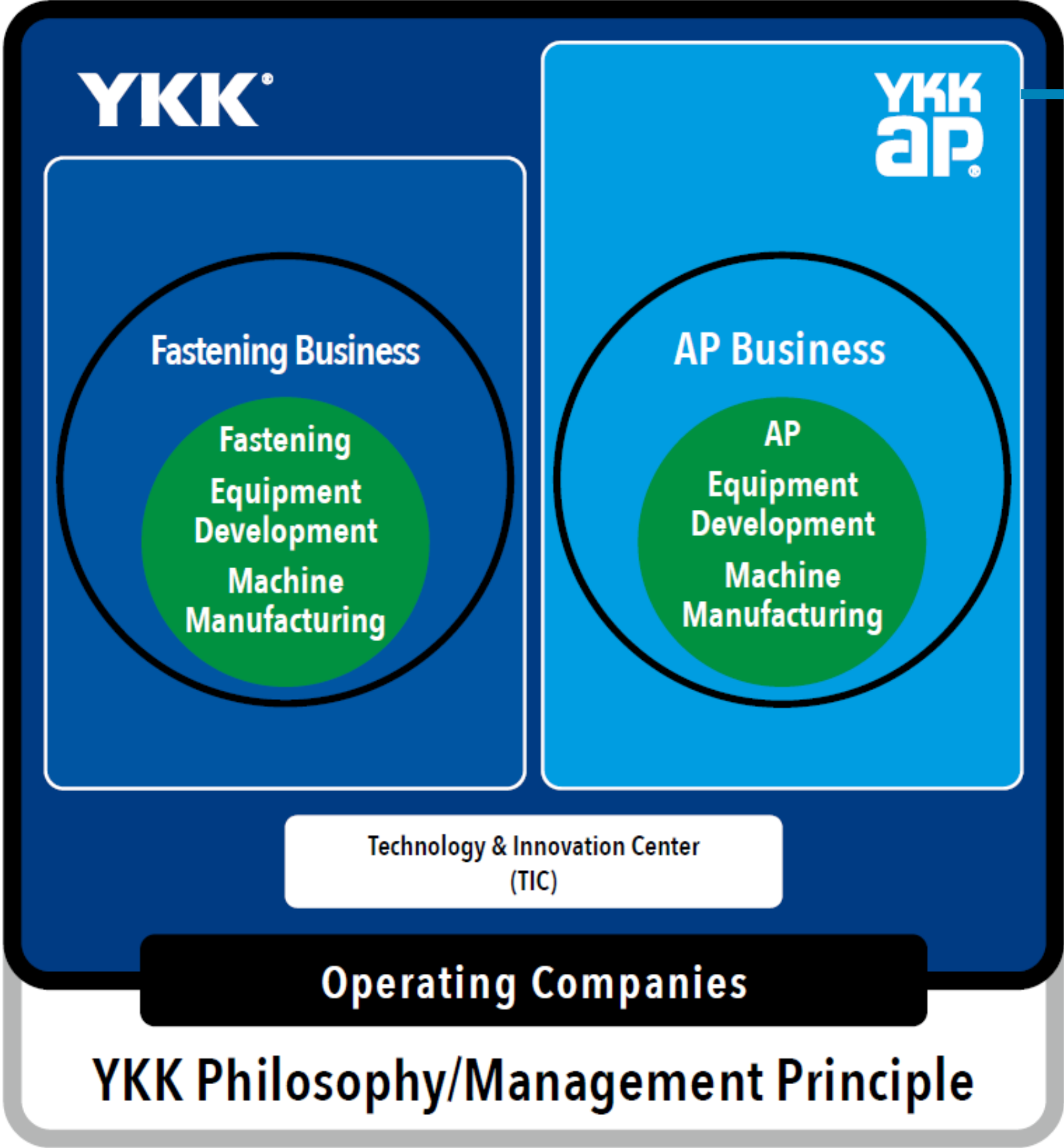
“No one prospers without rendering benefit to others”

If we keep creating **new values by innovative ideas and inventions** through our business activity, we can expand our business. That brings **prosperity to our customers** and business partners, and as a result, we can **make a contribution to society**



Tadao Yoshida
Founder of YKK

YKK Group Structure



About YKK AP

YKK AP was incorporated as a subsidiary of a zipper manufacturing company in 1957. Since entering the architectural products business, it has grown worldwide to become a leading company in its field

Category	Details	FY 2024-25
Number of Employees	Japan	13,337
	Ratio of Men to Women (Japan)	Men: 73% / Women: 27%
	Overseas	4,915
Women in Management	Number of Employees	148
	Ratio	6.80%
Employment of Persons with Disabilities	Average Rate	2.44%
Climate Change Indicators	Scope 1 & 2 Emissions	271 ktCO ₂ (-37%)
	Scope 3 Emissions	2021 ktCO ₂ (-19%)
Number of Locations	Japan	194
	Overseas	58
Manufacturing Sites	Japan	24
	Overseas	12

Purpose of YKK AP

*We Build a Better Society
Through Architectural Products*

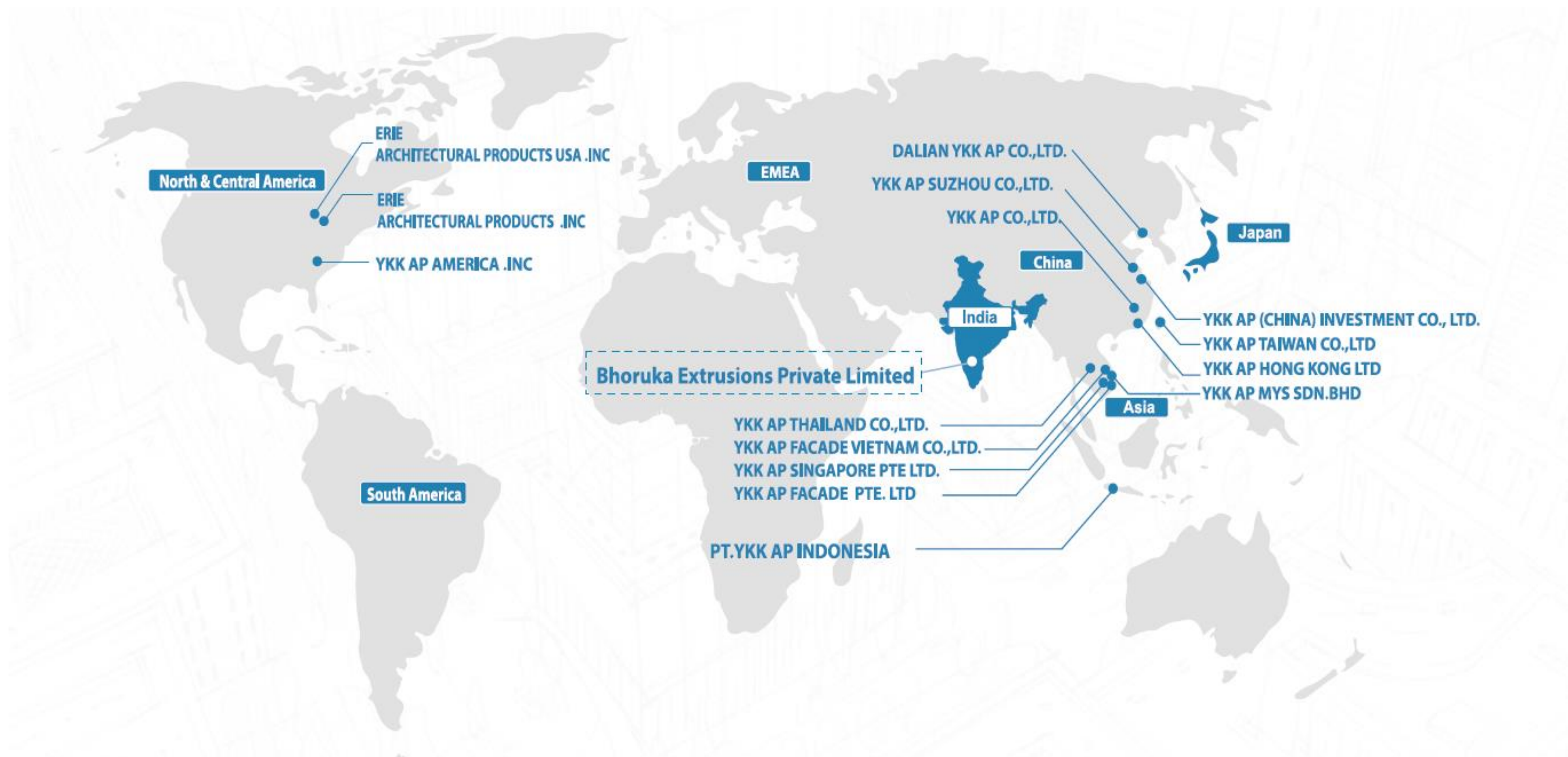
With a spirit of curiosity and exploration, we develop architectural products of true value that connect people, planet, and the future.

We want to create a better society, while remaining committed to the art and technology that have always been fundamental to architectural culture

Sales	FY2024-25
Net sales (consolidated)	\$3.74 billion
Japan	\$3.13 billion
Overseas	\$0.83 billion
Overseas ratio	18%

1USD=142.92JPY

Global Presence



Integrated Facility



State-of-the-art
manufacturing facility in
Mysore, Karnataka

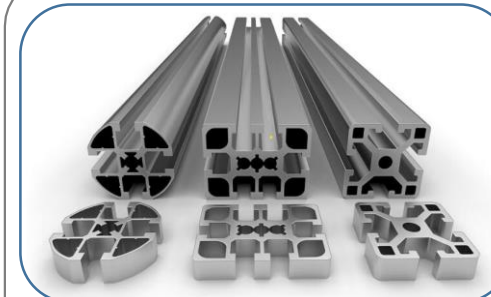


New Development - New
Extrusion Press (HLT)
commissioned in
Sep 2025



ToolRoom

- › Equipped with
Conventional and
CNC Machining
Centres



Extrusion

- › Equipped with 6",
8", 9", 9" Extrusion
Press with a Capacity
of 1550MT/Month



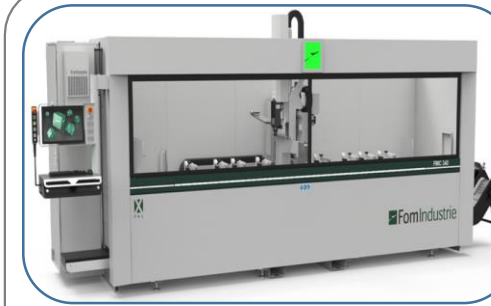
Anodizing

- › 7 Tank Treatment Plant
with Black, Silver,
Champagne and Bronze
Shades



Powder Coating

- › Hexavalent
Chromium Process
with any RAL
Shades



Machining

- › Machining Centres
from FOM Industry
Italy



Foundry

- › Oil Fired furnace to cast
billets in-house from the
in-house rejection

Equipment's

TECHNICAL FACT SHEET			
Parameters	Press-2	Press-3	Press 4
MAKE	Year Chang (Taiwan)	Cheng Hua (Taiwan)	HLT (China)
Strength of extrusion press (TONS)	1100	2750	3000
Diameter of billet	152 mm	228mm & 203mm	228mm
Maximum pressure of Press (BAR)	210 BAR	230 BAR	305 BAR
Alloy	6063, 6060, 6005A	6063, 6060, 6101, 6005, 6351, 6061, 6082	6060, 6063, 6005, 6061, 6082, 6101 & 6351 (Other 6XXX series based on requirement)
Type of Billet Oven (gas, diesel, induction)	Induction	Hot log shear	PNG
Type of Puller	Track type	Track type	Double Fly Saw Puller

New Development - New Extrusion Press (HLT): The commissioning of Press 4 in September 2025 has significantly enhanced extrusion capacity and enabled larger profile sizes.

TOOL ROOM	
Die types	Solid, Hollow, Semi-hollow
Dia CCD	Solid – 300mm; Hollow-280mm
# of sections	>18,000
Lead Time	Solid - 15 days; Hollow - 21 days

BHORUKA ANODISING	
Make	Italtecno, Italy
Microns	5 to 25
Colors	Silver, Champagne, Bronze , Black
Maximum Length	6400 mm
Finish	Matt, Brush

BHORUKA POWDER COATING	
Pre - Treatment	Chemetall, Germany
Powder Coating	Nordson , U.S.
Spray System	Automatic
Thickness Range	60 To 120 Microns
Colors	All RAL Shades
Type	Metallic / Non Metallic
Gloss	High Glossy, Semi Glossy, Matt
Finish	Plain, Texture
Max Length	7500 mm

MACHINING	
Machining Centres	FMC 340, Blitz Alva-550 Double Head Cutting
Make	FOM Industries, Italy
Operations	Milling, Drilling, Boring, Countersinking, Angle Cutting, Turning & Tapping

Alloy Details

Chemical Composition as per IS 733:2025

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Aluminium
6005	0.60–0.90	0.35 Max	0.10 Max	0.10 Max	0.40–0.60	0.10 Max	0.10 Max	0.10 Max	Remainder
6005A	0.50–0.90	0.35 Max	0.30 Max	0.50 Max	0.40–0.70	0.30 Max	0.20 Max	0.10 Max	Remainder
6060	0.30–0.60	0.10–0.30	0.10 Max	0.10 Max	0.35–0.60	0.05 Max	0.15 Max	0.10 Max	Remainder
6061	0.40–0.80	0.70 Max	0.15–0.40	0.15 Max	0.80–1.20	0.04–0.35	0.25 Max	0.15 Max	Remainder
6063	0.20–0.60	0.35 Max	0.10 Max	0.10 Max	0.45–0.90	0.10 Max	0.10 Max	0.10 Max	Remainder
6082	0.70–1.30	0.50 Max	0.10 Max	0.40–1.00	0.60–1.20	0.25 Max	0.20 Max	0.10 Max	Remainder

Surface Finish

Surface Condition Supplied in accordance with Clause 5 – Freedom from Defects of IS 733:2025, ensuring the material is generally free from harmful defects.

Mechanical Properties

Mechanical properties shall conform to the requirements specified in Table 9 of IS 733:2025, based on the alloy, temper, product type and applicable section & thickness

◆ T4 Temper

Solution heat treated & naturally aged

◆ T5 Temper

Cooled from hot working and artificially aged (at elevated temperature)

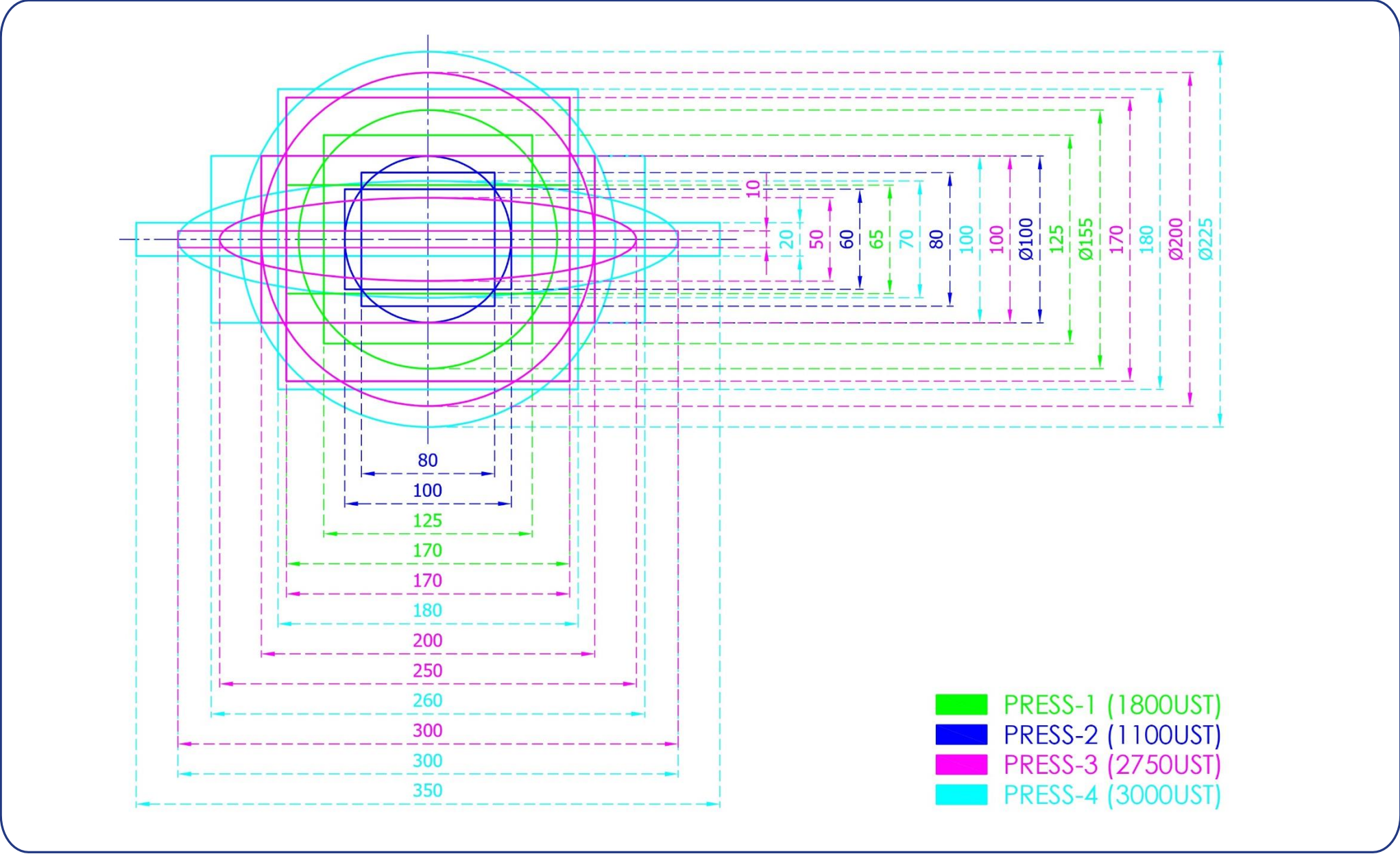
◆ T6 Temper

Heat-treated and artificially aged

◆ T66 Temper

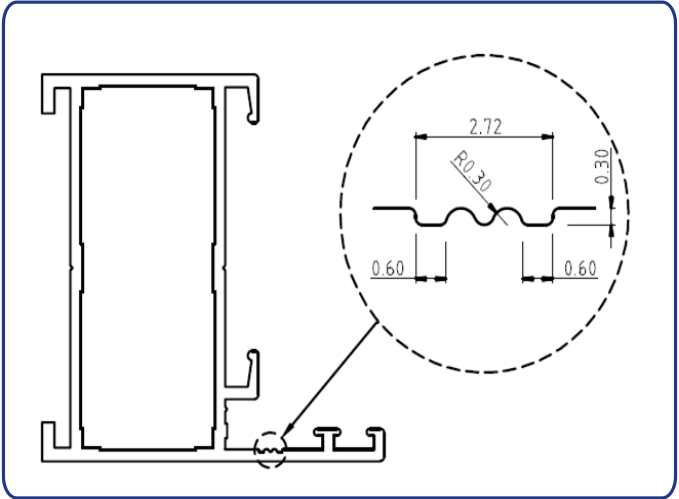
Heat-treated and artificially aged using a special process to improve mechanical properties

Extrusion Range



- ◆ Unique Identification mark in all new profile developments (since 2015)
- ◆ It will be located at only non-functional and unexposed/hidden area of the profile.
- ◆ This Identification mark will be prominent throughout the profile length (utilizing only 0.3mm thickness)
- ◆ ID mark will be non-functional/ un-exposed area)

Shape	Press-2 (6"–1100 UST)	Press-3 (9"–2750 UST)	Press-4 (9"–3000 UST)
Square (A×B)	80 × 80 mm	170 × 170 mm	180 × 180 mm
Rectangle (W×H)	100 × 60 mm	200 × 100 mm	260 × 100 mm
Round (Ø)	Ø100 mm	Ø200 mm	Ø225 mm
Elliptical (W×H)	-	250 × 50 mm	300 × 70 mm
Flat (W×T)	-	300 × 10 mm	350 × 20 mm



Serving Industries

Leveraging a broad portfolio and competitive edge to deliver excellence in construction, automotive, and renewables.

Building & Construction Segment



- ◆ Made-to-order aluminium extrusions for façades, curtain walls, and cladding system in different size and finishes.
- ◆ Our catalogue contains more than 18,000 sections that Bhoruka has developed by virtue of being in the industry for more than 44 years



- ◆ We hold the unique distinction of supplying high-quality aluminium extrusions to globally reputed to Door Window systems as follows:
- ◆ Airclos, AluK, Asahi, Dorma, IWIN, Schueco and others.

OEM / Industrial Segment



Diverse Portfolio

- › Solar Panels
- › Automotive
- › Electrical and Electronic Equipment's
- › Machine Members

Bhoruka's Competitive Edge

- › Under One Roof –EXT, PC/ANO, FAB
- › Compliance and Certifications
- › Total Cost of Ownership
- › Sustainability

Automotives

- › Roof Rails
- › Nudge Guards
- › EV Battery Enclosures

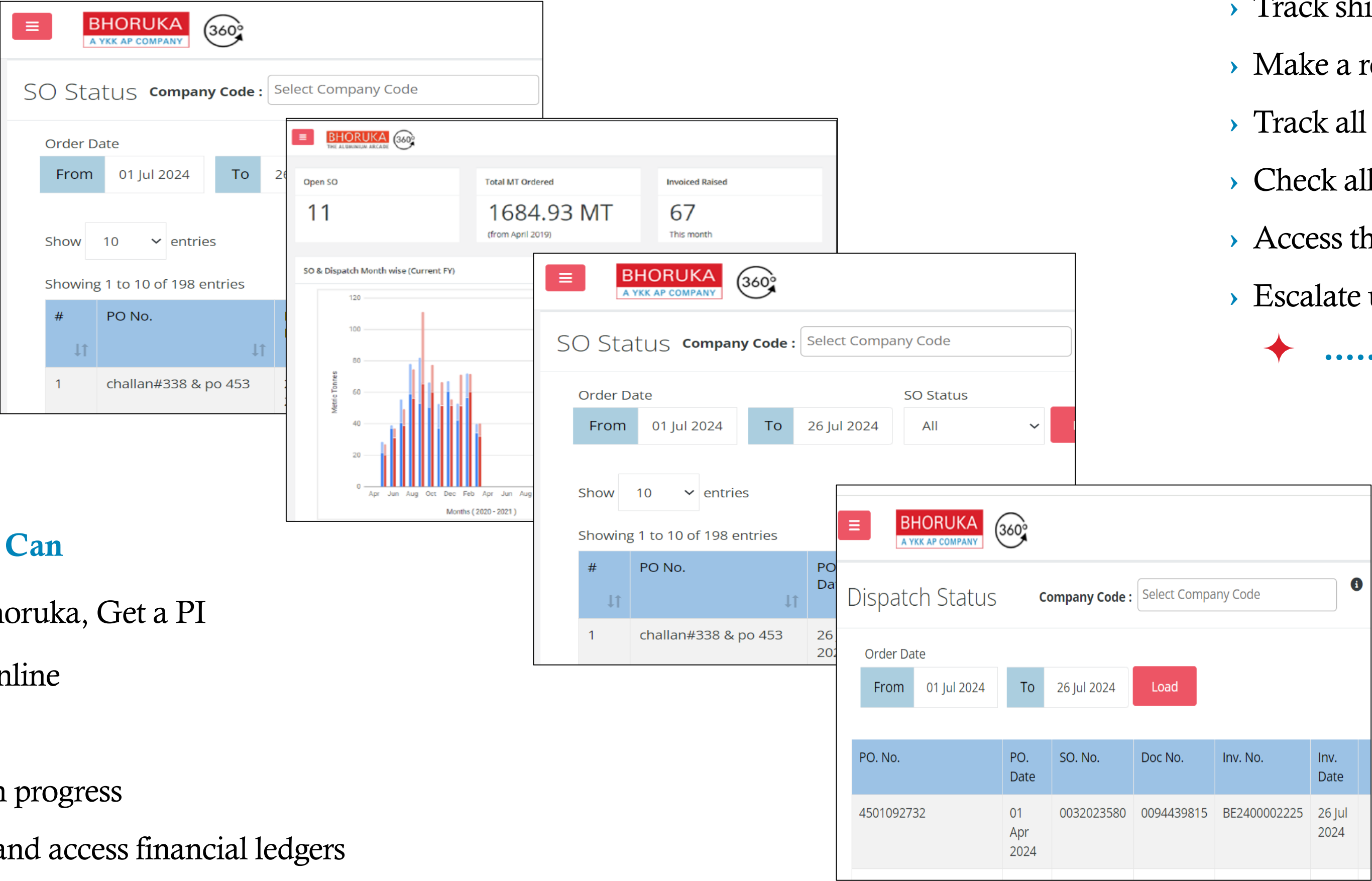
Scale Opportunity

- › Expand to other OEMs
- › Target Renewable Energy Sectors

Bhoruka 360

Leveraging on Technology - [Bhoruka 360](#) - The Industry first CRM module for the customer.

- › Track shipments
 - › Make a request for factory visit
 - › Track all past transactions and invoices
 - › Check all contracts and agreements
 - › Access the product catalogue
 - › Escalate unresolved issue
- ✦ all on real-time basis



✦ **Our Customers Can**

- › Release PO to Bhoruka, Get a PI
- › Approve the PI online
- › Check SO status
- › Check production progress
- › Check deliveries and access financial ledgers

3D Printing

Industry's First Extruder to have 3D Printing Technology



- › FFF printing technology with auto platform calibration.
- › Print up a 60-micron resolution with a 0.25mm nozzle.
- › Comes in various sizes. The machine has a build volume of 300mm x 300mm x 400mm

3D Printed Samples developed prior to Die Development



- › Customers can test the product for snap/slide fitment or gasket development prior to die manufacturing
- › Visualize and test the profile's form and fit quickly before committing to die manufacturing.

Eco-friendly Manufacturing

At Bhoruka Extrusions, sustainability isn't just a goal-it's a responsibility we live by every day with every product we supply is ROHS & REACH compliant, proving that safety and responsibility can go hand in hand

Here's how we're making a difference:



Our 16-acre manufacturing facility is home to **260+ trees**, reflecting our commitment to a greener and more sustainable environment



Our **Press-3** facility is equipped with Roof-top-Solar which has the capacity to generate the Solar power of **418KWP**



Introduced **biodegradable poly cover packing** for aluminium profiles, made from renewable materials which is Fully decomposable, eco-safe alternative to HDPE



Implemented sustainable practices including **75% aluminium chip recovery**, **95% treated water reuse**, **20% packaging reduction**, **biogas** from canteen waste, **ETP sludge reduction**, and CNG fleet with solar energy.

Sustainability Actions

Bhoruka is advancing cleaner energy, reducing CO₂ emissions through innovative practices, and investing in energy-efficient technologies, aligned with YKK AP's goal of achieving zero environmental impact across the entire product lifecycle by 2050

Scope 1 & Scope 2 Emissions

3,405 tCO₂e
Scope 1

900 tCO₂e
Scope 2

We have achieved a 43% reduction in Scope 2 emissions over the past two years, bringing our energy-related footprint down from 1,567 tCO₂e in FY2023 to just 900 tCO₂e in FY2025 - a clear reflection of our transition to cleaner energy sources. Scope 1 emissions have increased alongside our operational growth, rising from 2,923 tCO₂e in FY2023 to 3,405 tCO₂e in FY2025.

Energy Management

88.34%

Renewable Energy
Share

+23% YoY

Increase in renewable
energy usage

54%

PNG Usage Increase

In FY 2024-25, the Mysuru plant consumed 11,897 MWh of electricity, with 88.34% sourced from renewables (a 23% increase), improving energy intensity to 1.02 MWh per tonne despite an 18% rise in production, while a 54% increase in PNG usage reduced LPG and diesel consumption by 69% and 28%, respectively.

Water & Waste Management

9.25

Kg per tonne Waste
Intensity Improved

32%

Of Total Water
Consumption met
Through recycled
Water

In FY 2024-25, the Mysuru facility generated 108,047 kg of waste (96% hazardous) and strengthened circular water practices, with 32% of water recycled through its ETP and STP systems.

ENVIRONMENTAL PRODUCT DECLARATION



India's First Aluminium Extruder with Certified EPD

Bhoruka Extrusions is **India's first aluminium extruder** to publish an internationally verified Environmental Product Declaration (EPD), based on Life Cycle Assessment (LCA) as per ISO 14025 and EN 15804 standards, reinforcing our commitment to responsible and sustainable manufacturing

EPD Registration:EPD-IES-0028927
Version date: 18 March 2026
Validity date: 17 March 2031

1 Tonne
Declared Unit

FY2024-25
Data Period

17.4 kg CO₂ / kg
Carbon Footprint

4.4%
Post-Consumer Recycled Content

EPD International
Programme Operator

EPD India
Licensee

Certifications Quality Compliance

Bhoruka Extrusions ensures strong quality compliance, holding ISO - QMS certification, BIS licenses and Work Approvals Certificate from Indian Register of Shipping for stringent quality standards

ISO 9001: 2015 for QMS from Bureau Veritas



Bureau Veritas Certification

BHORUKA EXTRUSIONS PVT. LTD.

BHORUKA
A YKK AP COMPANY

NO. 1, KRS ROAD, METAGALLI, MYSURU – 570 016, KARNATAKA, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard
ISO 9001:2015
Scope of certification

MANUFACTURE OF MILL FINISH, ANODIZED AND POWDER COATED ALUMINIUM EXTRUSIONS IN STANDARD AND FUNCTIONAL SHAPES FOR STRUCTURAL / ARCHITECTURAL COMPONENTS, TRANSPORT, TEXTILE AND ELECTRICAL INDUSTRIES

Original cycle start date: **12 March 1995**
Recertification cycle start date: **09 December 2024**
Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **12 December 2027**
Certificate No. **IND.24.2447/QM/U** Version: 1 Issue date: **09 December 2024**

Signed on behalf of BVCH SAS UK Branch
Jagatheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road 'C',
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call * 91 22 6274 2000.

BIS License for Quality Compliance – IS 733: 2025



भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

For any other communication

Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bangalore - Tumkur
Road, Bangalore, BANGALORE
RURAL, KARNATAKA, 560058

Address: 08028394955
Phone: 08028398841
Fax: bnbo@bis.gov.in
E-Mail: www.bis.org.in,
Web: www.manakonline.in

Our Ref: BNBO/CM/L 6200220480 Dated: 26-11-2024

Subject: Grant of BIS Certification Marks Licence No 6200220480 as per IS 733:1983.
M/S BHORUKA EXTRUSIONS PRIVATE LIMITED
No-01, K.R.S. Road, Metagalli Industrial Area, Mysuru, MYSORE, MYSORE, KARNATAKA, INDIA 570016

Dear Madams(s)/Sir,
With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:
Wrought Aluminium and Aluminium Alloy Bars, Rods and Sections (for General Engineering Purposes)
Product:-

Grade/Class/Type/Variety
Name of the product: Wrought Aluminium and Aluminium Alloy Bars Rods and Sections For General Engineering Purposes as per IS 733 for following scope 1 Type of section Regular Section Dimensions Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T6 Designation 63400 64430 65032 2 Type of section Rod Dimensions Sizes Diameter 5 mm to 120 mm Condition Temper designations: T4 Designation 63400 64430 65032 3 Type of section Rod Dimensions Sizes Diameter 5 mm to 120 mm Condition Temper designations T6 Designation 63400 64430 65032 4 Type of section Bar Dimensions Size Width 10 mm to 300 mm Thickness 2 mm to 20 mm Condition Temper designations T4 Designation 63400, 64430, 65032 5 Type of section Bar Dimensions Sizes Width 10 mm to 300 mm Thickness 2 mm to 20mm Condition Temper designations T6 Designation 63400 64430 65032 6 Type of section Regular Section Dimensions Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 7 Type of section Irregular section Dimensions Sizes Width 15 mm to 250 mm Thickness 1.5 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 8 Type of section Irregular section Dimensions/Sizes Width 15 mm to 250 mm Thickness-1.5 mm to 20 mm Condition Temper designations T6 Designation 63400 64430 65032

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this licence is CM/L- 6200220480 which has been made operative from 2024-11-13 and is valid upto 2025-11-12. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) & (3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS (Conformity assessment) Regulation 2018 is payable by you with

Indian Register of Shipping Works Approval Certificate



Indian Register of Shipping

Certificate No.: 2025WAQC016

WORKS APPROVAL CERTIFICATE

This is to certify that based on the existing manufacturing facilities and satisfactory assessment of manufacturing and quality control procedures by our Surveyors, the name of

BHORUKA EXTRUSIONS PVT LTD,
No. 1 K.R.S. Road, Metagalli, Mysore, Karnataka - 570016

is included in the list of approved works in accordance with the relevant requirements of rule(s)/standard(s)/code described below.

WORKS TYPE : MANUFACTURER OF ALUMINIUM SECTIONS
PRODUCT TYPE : MANUFACTURER OF SECTIONS OF WROUGHT ALUMINIUM ALLOYS
APPLICABLE RULE(S)/STANDARD(S)/CODE: Part 2 Chapter 9 of IRS Rules and Regulations for the Construction and Classification of Steel Ships, July 2024
SCHEDULE OF APPROVAL : SEE ANNEXURE I
This Certificate is Valid until : 10/09/2026

PLACE OF ISSUE: MUMBAI
DATE OF ISSUE: 11/09/2025
LOCAL SURVEY OFFICE: CHENNAI

FOR, INDIAN REGISTER OF SHIPPING
For Indian Register of Shipping
Digitally Signed By: Uday Amrutkar
Place: Mumbai
Date: 11-09-2025 (dd/mm/yyyy)
Principal Surveyor

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-
Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatsoever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and however caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.
Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.

Form No.: IRS_WAC_QC (Rev.2)
TID: IRS/2025/2025WAQC016/22766

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Certifications

Environmental sustainability and compliance

Bhoruka Extrusions is committed to environmental sustainability by aligning its practices with IGBC and GRIHA green building standards, along with ISO Environmental Management System (EMS) certification

GRIHA Certified for Aluminium Extrusions & IWIN Doors & Windows



IGBC Certified for Aluminium Extrusions & IWIN Doors & Windows



ISO 14001: 2015 for Environmental Management System from Bureau Veritas



Certifications

REACH and RoHS COMPLIANT

Bhoruka Extrusions is committed to environmental sustainability by aligning its practices with IGBC and GRIHA green building standards, and ensuring product compliance with RoHS and REACH environmental regulations

REACH Compliant for Mill Finish & Anodized Finishes from TUV India

TUVINDIA

Test Report	
Report No :	TUV(I)/NL-145/25-26/NL-0525000151 PII
Date :	14 May 2025
Name and address of customer :	Bhoruka Extrusions Pvt Ltd #1,KRS Road, Metagalli, Mysore Pin Code: 570016
Reg No. :	NL-145/25-26
CA No. :	NL-0525000151
Name of the sample :	Recycle more than 75% aluminium content-BSM -(Silver)Anodising
Batch No. :	Grade :- 6063-T6 Alloy - Color :- BSM-(SILVER)
Discipline :	Chemical
Product Category :	Metal
Date of sample receipt :	06 May 2025
Date(s) of analysis :	08 May 2025 - 14 May 2025
Objectives of Examination :	As requested by client, SVHC screening is performed according to: (i) Two hundred and Forty-Seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) Regulation (EC) No 1907/2006 concerning the REACH. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.
REACH Requirement :	Identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.
Results Summary:	According to the specified scope and evaluation screening, the results of SVHC are Below 0.1 % (w/w) in the submitted sample. PASS
Authorized by	Rabindra Samal, Assistant Manager- Operation – ACMT Lab

RoHS Compliant for Mill Finish & Anodized Finished from TUV India

TUVINDIA

Test Report	
Report No :	TUV(I)/NL-145/25-26/NL-0525000150 PI
Date :	14 May 2025
ULR :	TC1382225000002794F
Name and address of customer :	Bhoruka Extrusions Pvt Ltd #1,KRS Road, Metagalli, Mysore Pin Code: 570016
Reg No. :	NL-145/25-26
CA No. :	NL-0525000150
Name of the sample :	Recycle more than 75% aluminium content-Black Anodising
Batch No./ Code no. :	Grade :- 6063-T6 Alloy Color :- BLACK
Discipline :	Chemical
Product Category :	Metal
Date of sample receipt :	06 May 2025
Date(s) of analysis :	08 May 2025 - 14 May 2025
Sample drawn by :	Customer
Objectives of Examination :	As per RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU
Test Requirement :	RoHS 10E
Results Summary:	Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) Comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU
Authorized by	Rabindra Samal, Assistant Manager- Operation – ACMT Lab

RoHS & REACH Compliant for Powder Coating Finish from TUV India

TUVINDIA

Test Report	
Report No :	TUV(I)/NL-220/25-26/NL-0525000620
Date :	31 May 2025
ULR :	TC1382225000003043F
Name and address of customer :	Bhoruka Extrusions Pvt Ltd #1,KRS Road, Metagalli, Mysore Pin Code: 570016
Reg No. :	NL-220/25-26
CA No. :	NL-0525000620
Name of the sample :	Recycle more than 75% aluminium content-Powder Coating sample
Batch No. :	Grade :- 6063-T6 Alloy Colour :- Anodic Bronze colour Powder (SW28BN)
Discipline :	Chemical
Product Category :	Polymer
Date of sample receipt :	26 May 2025
Date(s) of analysis :	29 May 2025 - 31 May 2025
Sample drawn by :	Customer
Objectives of Examination :	As per RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU
Test Requirement :	RoHS 10E
Results Summary:	Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) Comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU
Authorized by	Rabindra Samal, Assistant Manager- Operation – ACMT Lab

Certifications Akzonobel - Approved Applicator

Bhoruka Extrusions is an approved applicator for AkzoNobel's Interpon D series -D1000, D2000, and D3000- offering warranty periods of 15, 25, and 30 years respectively.

Interpon D Approved Applicator D1000 -AAMA 2603



Interpon D Approved Applicator D2000 -AAMA 2604



Interpon D Approved Applicator D3000 -AAMA 2605



Certifications

Jotun - Approved Applicator

Bhoruka Extrusions is an approved applicator for Jotun’s Façade, Super Durable Series & Durasol series - offering warranty periods of 15, 25, and 30 years respectively.



*Certificate
of Approval*

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore -570016

is certified as an Approved Applicator to coat

Jotun Façade Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.



Date: 1st January 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.



*Certificate
of Approval*

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore -570016

is certified as an Approved Applicator to coat

Jotun Super Durable Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.



Date: 1st January 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.



*Certificate
of Approval*

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore -570016

is certified as an Approved Applicator to coat

Jotun Durasol Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.



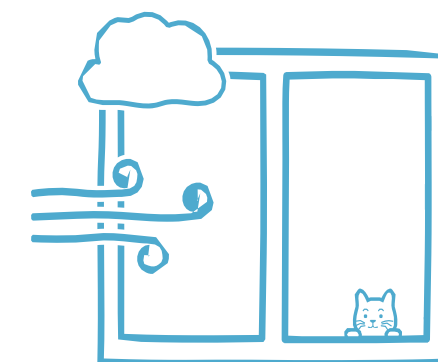
Date: 29th May 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.



IWIN-S Aluminium Doors and Windows is a home-creation B2B brand designed by **YKK AP** with **Japanese Precision**. These are system windows tested **for air, water, and sound** performance, suitable for both residential and commercial projects.

- ◆ Profiles are manufactured and coated In-house at Bhoruka Extrusions
- ◆ Hardware's / Parts and Accessories are manufactured In-house at YKK AP
- ◆ Global Assurance, Japanese Excellence & Comprehensive In-house Capabilities



Structural
Wind load
2.5Kpa



Water
Tightness
300/350/600 Pa



Air
Infiltration
1.2m³/h·m²

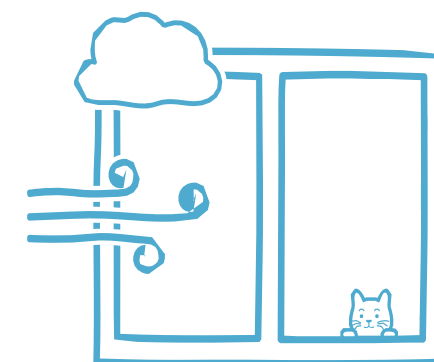


Sound
Insulation
-30dB(Grade 2)



IWIN-E is our **new fenestration series** combining economic appeal and functionality. Designed for spaces with indirect environmental exposure

- ◆ Profiles are manufactured and coated In-house at Bhoruka Extrusions
- ◆ Hardware's / Parts and Accessories are manufactured In-house at YKK AP
- ◆ Global Assurance, Japanese Excellence & Comprehensive In-house Capabilities



Structural
Wind load
1.2Kpa



Water
Tightness
150 Pa



Air
Infiltration
1.2m³/h·m²



Sound
Insulation
-30dB(Grade 2)

HO & Branch Details

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Extruding Excellence !