

CELEBRATING  
**52 YEARS**

of Embracing Client's  
Goals as our own



# INDIA ALUMINIUM TRADING CO.

**ALUMINIUM  
SHEETS & COILS  
INGOTS & WIRE RODS  
ROOFING SHEETS  
EXTRUSIONS**

**Stockists: NALCO, HINDALCO, VEDANTA, JINDAL PRODUCTS**



98406 34213



WWW.IATCHENNAI.COM



INDIA.ALUMINIUM@GMAIL.COM

# Welcome to IAT - India Aluminium Trading Co: Serving Your Aluminium Needs Since 1971

Welcome to India Aluminium Trading Co (IAT), your trusted partner in delivering high-quality aluminium products to industries and consumers. With a legacy dating back to 1971, we take pride in offering premium aluminium solutions that meet your diverse requirements.

As stockists for India's premier primary aluminium producers - Hindalco, Nalco, Vedanta (Balco) and Jindal Aluminium - we ensure excellence and reliability in every product.

## Our Extensive Aluminium Product Range

At IAT, we bring you an extensive range of top-notch aluminium products, including:

**Aluminium Sheets**  
**Aluminium Coils**  
**Aluminium Plates**  
**Aluminium Chequered Sheets**  
**Aluminium Foils**  
**Aluminium Ingots**  
**Aluminium WireRods**  
**Aluminium Roofing Sheets**  
**Aluminium Extrusions**



**PARTNER IN YOUR PROGRESS, SINCE 1971**

# Our Mission and Vision

At IAT - India Aluminium Trading Co, our motto encapsulates our unwavering dedication to you.

We are driven by four core principles that define our service:

**Honesty, Commitment, Transparency, and Speed.**

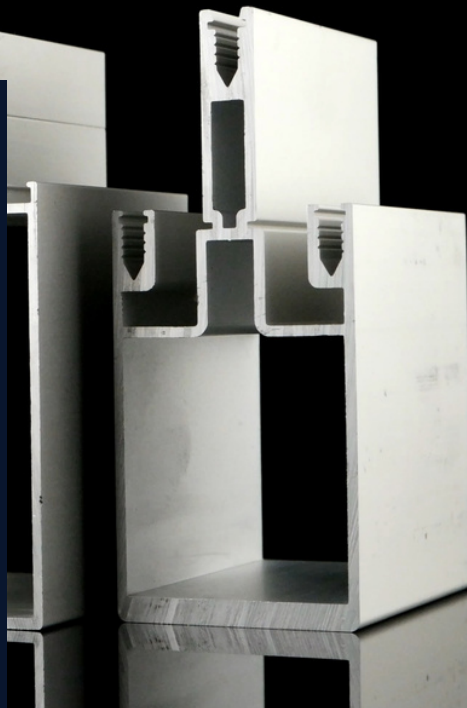
## Mission

Driving Excellence and Responsibility for Creating Superior Shareholder Value, Exceeding Customer Expectations, Unleashing Employee Potential, and being a responsible corporate citizen while adhering to our core principles.



## Vision

IAT - India Aluminium Trading Co's vision is ambitious and clear: we aspire to lead the industry in providing premium aluminium products on a national scale. We are dedicated to excelling in every facet of our operations, all while creating substantial value for our valued stakeholders.



# Our Approach - CUSTOMER FIRST

We understand your requirements. Our experienced team is dedicated to setting benchmarks in the industry by providing you with Honest & Transparent Services. We are Committed to serving you. We like creating WIN - WIN Situations and being a part of your success story.



**EXPERIENCED**



**SUPERIOR SERVICE**

## WE ARE YOUR TRUSTED BUSINESS PARTNER

**READY STOCK MATERIAL**

**QUANTITY DISCOUNTS**

**BEST PRICE ASSURANCE**

**TIMELY DELIVERY**



We Help  
Your  
**BUSINESS**  
To Grow



# A LEGACY OF EXCELLENCE:

# MEET THE TEAM BEHIND IAT



ALUMINIUM  
SINCE 1971

IAT - India Aluminium Trading Co is not just a business; it's a legacy built on dedication, experience and a commitment to customer satisfaction. Our journey began in 1971 when it was founded by **Sri Gopal Agrawal**, and today, under the dynamic leadership of **Mr. Neeraj Agarwal**, a **second-generation leader with over 30 years of experience**, IAT continues to thrive.

## Embracing the Future with the Third Generation:

As our business evolves and expands, it's also welcoming the third generation - Mr. Utkarsh Agarwal (A MSc.Business graduate from UCD Michael Smurfit Graduate Business School, Ireland and work experience with EY, Dublin). This infusion of fresh ideas and perspectives allows IAT to embrace new-age technologies and systems, improving employee efficiency and elevating customer service and satisfaction.

## Our Dedicated Team

At the heart of IAT's success is our dedicated and loyal team. In every department, we have passionate individuals who are committed to our vision. We have dedicated sales, dispatch, and customer relationship managers who ensure that your experience with IAT is nothing short of exceptional.

## Our Team, Your Advantage

We consider our team to be our most valuable asset, and we believe in harnessing this asset to benefit our customers. With their expertise, dedication, and commitment, our team members are here to serve you, ensuring that you receive the best possible service and solutions.

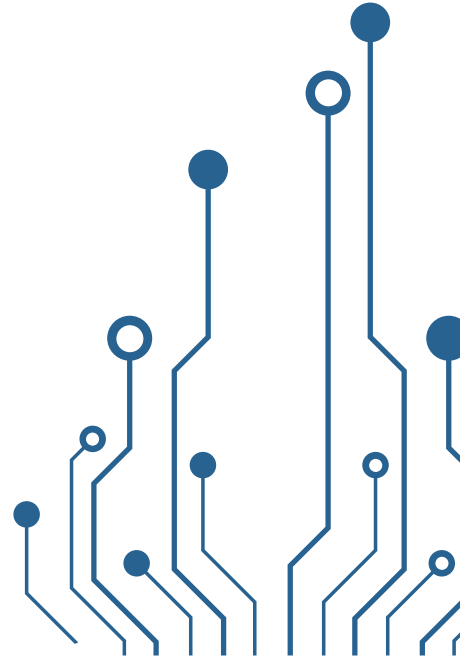
Together  
Everyone  
Achieves  
More



**Highest  
Rated  
Aluminium  
supplier on  
Google\***



★★★★★  
[www.IATCHENNAI.com](http://www.IATCHENNAI.com)

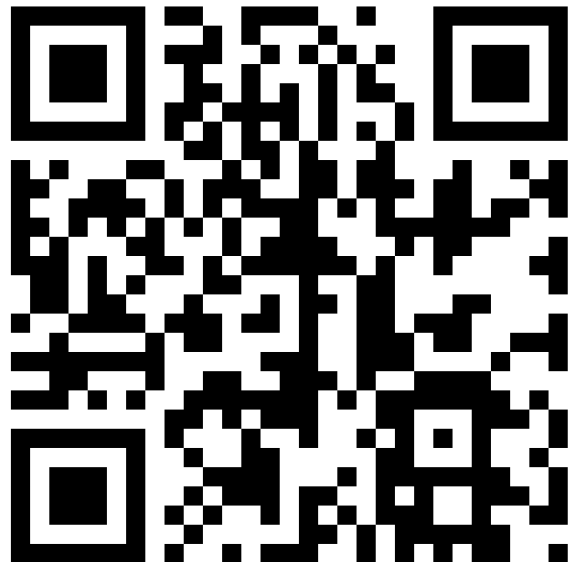


**Find & Rate  
Us on Google**

SCAN BELOW

**Our Location:**

Situated in the heart of Madhavaram, Chennai, Tamilnadu, our Head Office and central warehouse serve as the hub of our operations. This strategic location allows us to efficiently manage and distribute our extensive range of Aluminium products to cater to the diverse needs of our valued customers. From this focal point, we extend our reach and service across the region, driven by a commitment to excellence and customer satisfaction.



# Strategic Warehousing for Seamless Supply: Our Chennai Warehouse

Our strategic warehouses, conveniently located on G.N.T Road in Madhavaram, Chennai, empower us to provide swift and hassle-free supplies. We believe in being well-prepared to fulfil your needs promptly, ensuring you have access to the aluminium products you require when you need them.

# Strategically Positioned to Serve Nationwide: IAT's Raipur Branch

Expanding our reach, IAT - India Aluminium Trading Co., extends its capabilities through our strategically located branch & stocking point in Raipur, Chattisgarh. This branch serves as a pivotal point, allowing us to efficiently cater to the PAN India market.

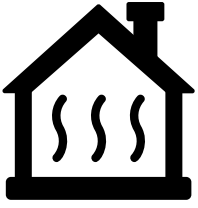
## Experience Aluminium Excellence

Step into our Madhavaram office to experience firsthand the quality, variety, and expertise that define IAT. Our dedicated team is ready to assist you in finding the perfect aluminium solutions for your projects.

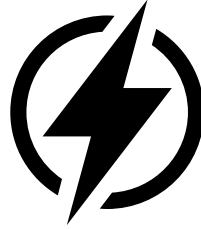




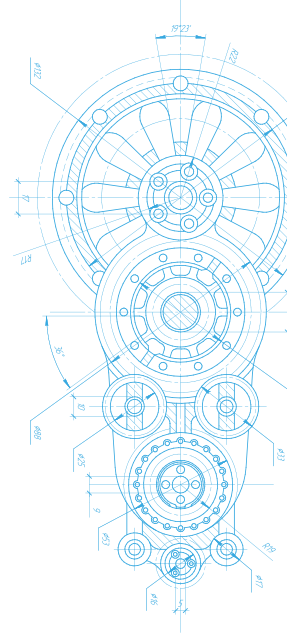
# Industries We Serve



**Insulation**



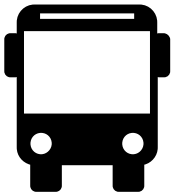
**Electrical**



**Automobile**



**Construction**

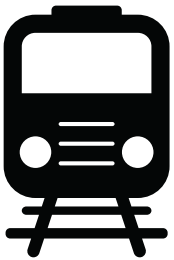


**Bus Body**



**Medical**

**The Green Metal**



**Railways**

**And Many More...**





# Our Offered Products

One-stop shop for all your ALUMINIUM needs.  
Delivered Pan India

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## Aluminium Rolled Products (Plain Sheets, Coils, Plates, Chequered Sheets)

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At IAT, we offer an extensive selection of high-quality aluminium rolled products to meet your diverse needs. Our commitment to excellence means that we provide a wide range of readily available grades, including 1100 and 8011, and special alloys to fulfil specific requirements.

### Aluminium Coils

Thickness Range: 0.28 to 1.22 mm

### Cold Rolled Aluminium Sheets (Flat)

Thickness Range: 0.71 to 3 mm

### Hot Rolled Aluminium Plates

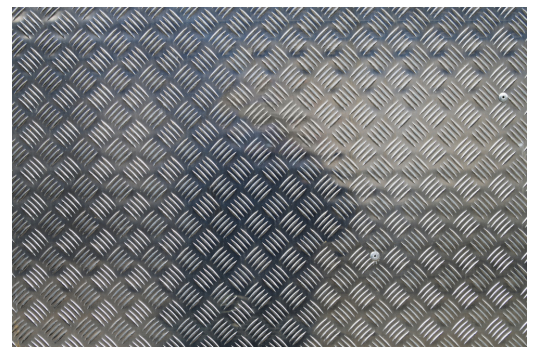
Thickness Range: 4 to 6 mm

### Aluminium Chequered Sheets

Thickness Range: 0.56 to 6 mm

### Customized for Your Unique Needs (Size, Grade, Temper)

We understand that each project is unique, and one size does not fit all. That's why we offer the flexibility to supply specific dimensions, grades & and temper based on your exact requirements. Our commitment to customization ensures that you get the precise aluminium products you need for your projects.





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## **Aluminium Ingots and Wire Rods**

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**At IAT - India Aluminium Trading Co, we understand the importance of top-quality materials in your operations. That's why we stock CG & EC Grade Virgin Ingots with a minimum purity of 99.7% and 99.85%. With each supply, you can expect a Test Certificate to ensure the quality you deserve.**

**Your Trusted Source for Hindalco, Nalco, and Balco Aluminium Ingots**

**As dealers for industry giants like Hindalco, Nalco, and Balco, we offer you access to the best in the business. Whether you require small or large quantities, we are ready to fulfill your order promptly.**

**EC Grade and Alloy Wire Rods Tailored to Your Needs**

**Our commitment to customization extends to EC grade and Alloy wire rods. These specialized materials are supplied precisely to your specifications, ensuring they meet your unique requirements.**



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# Aluminium Roofing Sheets

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At IAT - India Aluminium Trading Co, we are your go-to source for Aluminium Roofing Sheets, and we have the capacity to fulfill any quantity you require, delivering them anywhere across India to meet your specific needs.

## Versatility That Knows No Bounds

Aluminium Roofing Sheets are prized for their remarkable versatility. They can be applied in a multitude of ways, making them a smart choice for various structures, including:

Warehouses and Logistic Centers  
Industrial Buildings and Sheds  
Airports and Aircraft Hangars  
Poultry Farms  
Barracks and Makeshift Habitats  
Cold Storage Chains  
Boiler Insulation  
Cladding and Wall Panels  
Conveyor Gantry Housing  
Insulated Sandwich Panels, and much more.  
Durability and Cost Effectiveness

Apart from their versatility, Aluminium Roofing Sheets are celebrated for their durability and cost-effectiveness. They prove to be the ideal choice across a diverse range of applications, ensuring long-lasting performance and value for your investments.

## Your Source for Quality and Versatility

When you choose Aluminium Roofing Sheets through IAT, you're choosing quality, durability, and adaptability to fit your project's specific needs.

We deal in HINDALCO EVERLAST & JINDAL brand Roofing Sheets





## Sheet Types and Finishes

To cater to your unique requirements, we offer a range of sheet types and finishes, including:

**Circular (Sinusoidal) Corrugated Sheets:** Available in plain mill finish, stucco-embossed, and color-coated options.

**Trapezoidal (Industrial) Sheets:** Offered in plain mill finish, stucco-embossed, and color-coated options.

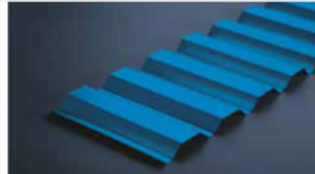
**Tiled Profile:** Suitable for Mangalorean architectural styles.



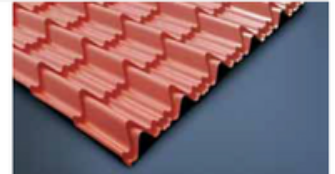
Circular corrugated sheet



Industrial troughed sheet



Colour-coated troughed sheet



Tiled profile

### SPECIFICATIONS

#### Mechanical properties

Alloy	Temper	UTS (MPa)		Yield Stress (0.2% proof-stress)
		Min	Max	
AA3003	H18	200	240	180
AA3105	H18	195		160
AA8011	H18	175		140

(Source: Aluminium standards and data sourcebook)

#### Chemical composition (%)

Alloy	Al	Cu	Mg	Si	Fe	Mn	Zn	Ti	Cr
AA8011	99.0 min	0.20	0.10	0.6-0.95	0.6-0.95	0.10	0.20	0.20	0.20
AA3003	Remainder	0.10	0.10	0.60	0.70	0.80-1.20	0.20	0.20	-
AA3105	Remainder	0.30	0.2-0.8	0.60	0.70	0.2-0.8	0.40	0.10	0.20

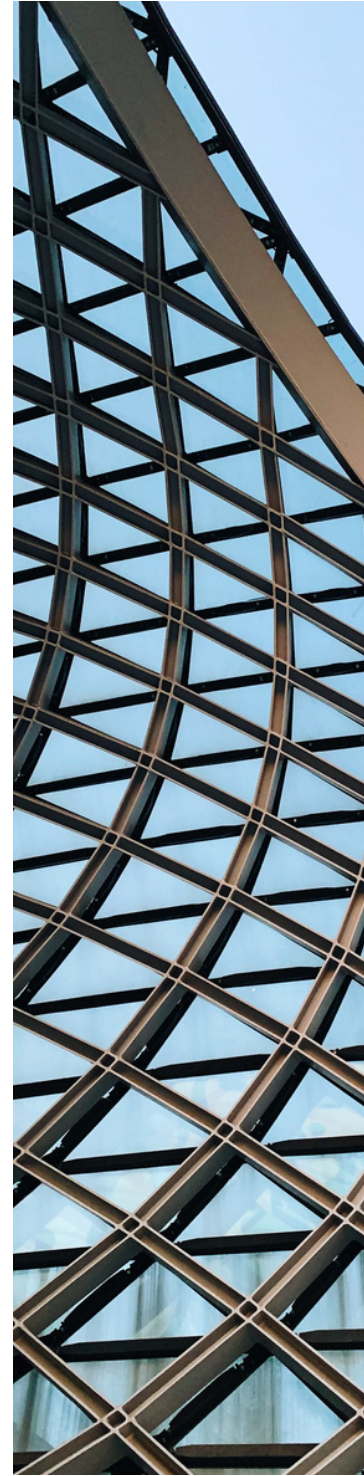
Single value indicates maximum content (Source: Aluminium standards and data sourcebook)

#### Width (mm) for Industrial troughed sheet

Type	Overall	Effective
Ind. 6	795	750
Ind. 7	920	875
Ind. 8	1044	1000

#### Width (mm) for Circular corrugated sheet

Type	Overall	Effective
10/3	800	750
12/3	950	900
16/3	1250	1200



### TECHNICAL DATA

#### Troughed sheets

Thickness (mm)	kg/sq.m	kg/m			Section modulus (Z) per pitch mm <sup>3</sup>	Moment of inertia (I) per pitch mm <sup>4</sup>
		Ind-6 (795 mm)	Ind-7 (920 mm)	Ind-8 (1044 mm)		
1.22	4.33	3.43	3.97	4.5	1739	41383
0.91	3.23	2.56	2.96	3.36	1310	31099
0.71	2.50	2.00	2.31	2.62	1037	24379
0.65	2.31	1.83	2.12	2.41	952	22346
0.56	1.96	1.57	1.82	2.07	823	19296

#### Circular corrugated sheets

Thickness (mm)	kg/sq.m	kg/m			Section modulus (Z) per pitch mm <sup>3</sup>	Moment of inertia (I) per pitch mm <sup>4</sup>
		16/75 (1250 mm)	12/75 (950 mm)	10/75 (800 mm)		
1.22	3.72	4.71	3.66	3.01	462	4670
0.91	2.77	3.51	2.68	2.25	348	3466
0.71	2.14	2.74	2.09	1.75	274	2697
0.65	1.98	2.47	1.89	1.60	251	2469
0.56	1.68	2.15	1.65	1.38	217	2123
0.45	1.38	1.70	1.31	1.10	175	1704
0.35	1.07	1.32	1.02	0.86	137	1321

Note: Figures are indicative only.

Purlin Spacing (mm)	Permissible Loading (kg/sq.m)			
	1.22mm	0.91mm	0.71mm	0.56mm
914	1046 1245	507 543	636 543	505 590
1219	600 700	454 530	357 418	284 332
1524	384 448	290 339	229 267	182 212
1829	266 311	202 236	159 186	126 148
2134	181 229	136 173	106 136	84 108

Purlin Spacing (mm)	Permissible Loading (kg/sq.m)			
	1.22mm	0.91mm	0.71mm	0.56mm
914	432 551	321 436	250 327	197 259
1219	182 310	135 234	100 180	83 146
1524	93 197	69 150	54 118	43 93
1829	64 129	40 96	31 71	25 59
2134	34 87	25 60	20 47	16 37

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# Aluminium Extrusions (Profiles and Tubes)

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## Versatile Aluminium Extrusions for Your Diverse Needs

Aluminium extrusions are incredibly versatile, finding applications across various industries. At IAT - India Aluminium Trading Co, we offer a wide array of aluminium extrusions, each tailored to meet specific requirements. Here's a glimpse of how these extrusions are applied:

**Architectural Marvels:** Aluminium extrusions find extensive use in architectural applications, elevating the aesthetics and functionality of structures. They are commonly used in:

**Building Facades**

**Doors and Windows**

**Partitions**

**False Ceilings, and more.**

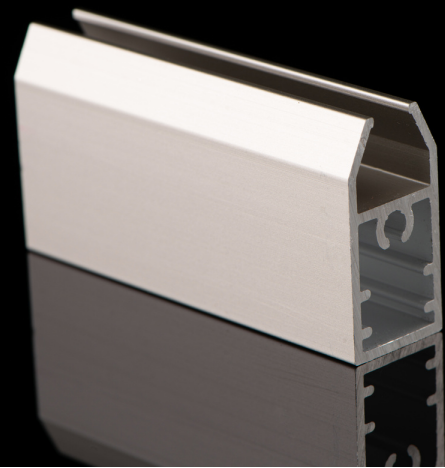
**Powering the T&D Industry:** Flat bars and tubes made from aluminium extrusions play a pivotal role in the Transmission and Distribution (T&D) industry. They are instrumental in the creation of efficient power transmission systems, control panels, and more.

## Meeting Stringent Specifications

Our trusted principals have the capability to adhere to the most stringent specifications outlined by our customers. Whether it's precise dimensions, complex geometries, or unique requirements, we ensure that the extrusions we provide meet and often exceed expectations.

## Customized Solutions

When standard extrusions won't suffice, we offer the flexibility to develop exclusive dies. These dies are tailored to your specific requirements, ensuring that you get extrusions that perfectly align with your project's needs.



**CONTACT US NOW !!!**



**ALUMINIUM  
SINCE 1971**

We are just a message away. We assure you of our attention at all times.

**INDIA ALUMINIUM TRADING COMPANY**

(63, Thattankulam Road, Madhavaram, Chennai 600060)



**EMAIL ADDRESS**

india.aluminium@gmail.com  
sales@iatchennai.com



**PHONE NUMBER**

+91 98406 34213  
+91 90426 11506  
+91 96772 97478



**WEBSITE**

[www.iatchennai.com](http://www.iatchennai.com)



**Location**



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**Website**

