



www.ssaluformwork.com



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" From The Desk Of Management "

Construction is not just about building structures – it's about creating a stronger future. SS Aluform promises to deliver innovative, reliable, and high-quality formwork solutions that support the rapid growth of modern infrastructure globally.

With a strong commitment to engineering excellence, safety, and customer satisfaction, we continuously strive to provide formwork systems that improve productivity, reduce construction time, and ensure superior project performance.

We become a preferred partner for builders, developers, and infrastructure organisations.

As we move forward, our commitment remains the same

— delivering quality, creating value, and building a better tomorrow together.



Ashish Gupta
(Founder & CEO)



Manohar Reddy
Co-Founder



Madhu Gupta
Director

About Us

SS Formwork (I) Pvt. Ltd. is established as a rapidly growing construction-tech partner delivering advanced Aluminium Formwork Systems globally.

Over the past 4+ years, our company has built a reliable brand identity by successfully delivering high-quality formwork solutions to a growing portfolio of 100+ clients.



Our Values



Quality Product



Timely Delivery



Post Sales Services



Mission

To deliver world-class formwork solutions through innovation, precision, and uncompromising quality while building lasting trust.



Vision

To shape the future of construction with strength, speed, and innovation.

“ YOUR FORMWORK PARTNER ”



What is Aluminium Formwork System?

Aluminium Formwork System is a modern construction technology that utilizes **lightweight, high-strength aluminium alloy panels** to create temporary moulds for casting concrete structures.

This system allows to cast walls, columns, beams, floor slabs, and staircases monolithically -meaning they are poured simultaneously in a single, continuous operation.



FEATURES



Repetition

200 – 250 times



Light Weight

Average weight 22 kg/sqm
Eliminating cranes



Recycle

100% recyclable at the
end of their lifecycle



Quality Finishing

No heavy plastering or
excessive finishing needed



Easy to Use

No skilled labour required



Strength & Stability

60.5 KN/m²



Fast Slab Cycle

8–10 days slab cycle



Design Flexibility

Design to approach
multiple projects

6061-T6

ALUMINIUM ALLOY

THE PERFECT BALANCE OF
STRENGTH, LIGHTWEIGHT,
CORROSION RESISTANCE
& AFFORDABILITY



Why 6061-T6?

6061-T6 aluminum is the most popular, versatile, and widely used aluminum alloy because it offers the perfect balance of structural strength, lightweight properties, excellent corrosion resistance, and affordability



CHEMICAL COMPOSITION

Chemical Component	Mg	Si	Mn	Fe	Cu	Zn	Ti	Cr	Al
Percentage (%)	0.86	0.61	0.12	0.45	0.19	0.21	0.04	0.07	97.45



MECHANICAL PROPERTIES

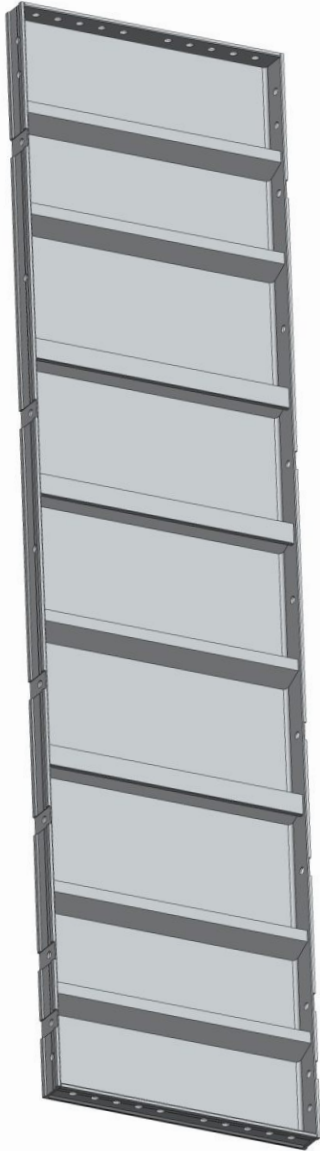
Property	Typical Value	Unit	Description
Tensile Strength	290-310 MPa	Megapascals (MPa)	Maximum stress before breaking
Yield Strength	~276 MPa	MPa	Stress at which permanent deformation begins
Elongation at Break	8-10%	%	Ductility; ability to stretch before breaking
Brinell Hardness	~95	HB	Resistance to indentation
Fatigue Strength	~95 MPa	MPa	Resistance to cyclic loading
Modulus of Elasticity	~68.9 GPa	GPa	Stiffness of the material
Density	2.70 g/cm³	g/cm³	Lightweight nature of the alloy

TECHNICAL SPECIFICATIONS



■ Aluminium Alloy Grade	6061-T6
■ Raw material Source	National, Jindal, Hindalco etc.
■ Average weight of system (Per SQM)	Aluminium: 22 kg (+/-) 1 kg/sqm MS: 10-11 Kg/Sqm
■ Surface Thickness	4mm (+/- 0.2mm)
■ Side Frame	65mm (8mm Thick)
■ Type of fabrication	Extrusion + FSW + MIG Wire (Robotic & Mannual)
■ Welding Wire Grade (Aluminium)	ER 4043 (INDALCO)
■ Standard Panel Size	Wall panels: 2400 X 600 mm, Deck Panels: 1200 X 600 mm
■ Standard Components %	≈60 to 70% *(depends on design)
■ Surface Treatement	Lacquer Coating 18-20 Micron
■ Panel Connection	Pin - Wedge system
■ Load Rating of Panel	60 KN/SQM *(Monolithic structure)
■ MS Grade	Fe 230 WA
■ Wall Tie thickness	3 mm
■ Wall Tie Size	Min 75mm to Max 450mm
■ Repetition	250+ times with SS Aluform (Subject to handling)
■ Technical Support	Upto 2 Slabs

FORMWORK COMPONENTS



STANDARD WALL PANEL

Forms the face of the wall and stiffeners of wall panel are designed in such a way that a worker can easily lift and handle. There is no mid-welding in a standard wall panel width.

Item Description	Dimension
Standard Wall Panel	600mmx 2400mm (H)*
	500mmx 2400mm (H)*
	450mmx 2400mm (H)*
	300mmx 2400mm (H)*

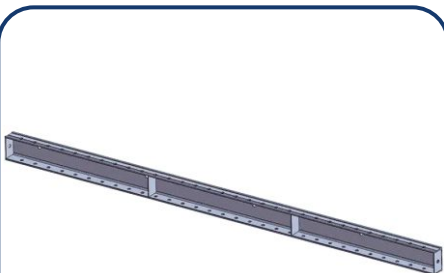
Height (H)° of the Wall Panel depends on design requirement. It will either be the Standard Wall Panel height or a Single Wall Panel Height.

STANDARD WALL IN-CORNER PANEL

Connects two panels and covers a real lapped edge space, where the two panels meet.

Item Description	Dimension
Standard Wall In-Corner Panel	(100+100) mm x 2450mm
	(100+125) mm x 2450mm
	(100+150) mm x 2450mm
	(100+175) mm x 2450mm

Size (Lx30)° of the In-Corner Panel depends on design requirement.



KICKER



ROCKER



EXTERNAL CORNER ANGLE

FORMWORK COMPONENTS



STANDARD DECK PANEL

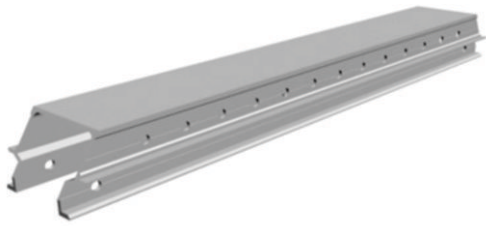
STANDARD SLAB PANEL sustain the weight of concrete while pouring and provides a horizontal surface for casting to form slab. It rests between two adjacent slab beams.

Item Description	Dimension
Standard Slab Panel	600mm × 1200mm
	450mm × 1200mm
	200mm × 1200mm
	175mm × 1200mm



DECK PROP HEAD [DPH]

Size: 100mm x 200mm



MIDDLE BEAM [MB]

1. Size: 100mm x 1050mm
2. Size: 100mm x 900mm

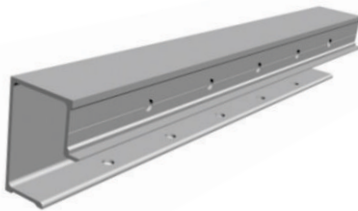


END BEAM [EB]

Size: 100mm x 600mm - 1050mm

Item Description	Dimension
Soffit Length	(125mm + 100mm) × (L)*
	(150mm + 150mm) × (L)*
	(125mm + 75mm) × (L)*

Soffit Length Is Used To Connect Wall And Slab Panel.



SOFFIT LENGTH [SL]

FORMWORK ACCESSORIES



Pin & Wedge



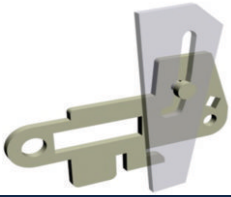
Long Pin



Bolt, Nut & Washer



Tie Rod & Wing Nut



German Clamp



Wall Tie



Wall Tie Sleeve



BKS Patti



Hollow Square Tube



Heavy Waller



Kicker Cone



PVC Pipe



Beam Bar



Alignment Bracket



Turnbuckle with Wire



Panel Puller



Tie Puller



Hole Bari



Sleeve Remover



Wall Bracket



Adjustable Prop



OUR CERTIFICATIONS

At **SS Formwork (I) Pvt. Ltd.** quality, environment, and safety are at the core of everything we do. Our management systems are certified in compliance with international standards, ensuring consistent delivery of high-quality products and services.

**MANAGEMENT SYSTEM
CERTIFICATE**
www.royalapl.com

This is to certify that

SS FORMWORK INDIA PRIVATE LIMITED
694, PATWARI, GREATER NOIDA, NOIDA, GAUTAMBUDDHA NAGAR - 201306,
UTTAR PRADESH, INDIA

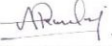
has been assessed by RAPL and found to comply with the requirements of

ISO 45001 : 2018
Occupational Health and Safety Management Systems

For the following activities:
ALUMINUM FORMWORK AND SHUTTERING SYSTEM, METAL PRODUCTS, DESIGNING,
CONSULTING, JOB WORK, CONTRACTOR AND ALLIED ACTIVITIES.

Certificate Number: E20260347771
Date of Certification: 04/03/2026
1st Surveillance on or before: 03/03/2027
1Ind Surveillance on or before: 03/03/2028
Certification Valid Until: 03/03/2029




Director (Certification)
Royal Assessments Pvt. Ltd.
623 A, Tower-B, IThum, Plot No. A - 40, Sector - 62, Noida 201301, India.
www.royalapl.com, info@royalapl.com
Phone : +91 120 4251329
This Certificate can be verified at www.iafsearch.org

This Certificate is an endorsement of certified clients certification status but remains the property of Royal Assessments Pvt. Ltd. Certificate must be returned on RAPL's request or if certificate is withdrawn. Validity of certificate is subject to successful completion of surveillance audits. RAPL is accredited by EGAC, Egypt. EGAC is member of International Accreditation Forum (IAF) and signatory of ML.A.

**MANAGEMENT SYSTEM
CERTIFICATE**
www.royalapl.com

This is to certify that

SS FORMWORK INDIA PRIVATE LIMITED
694, PATWARI, GREATER NOIDA, NOIDA, GAUTAMBUDDHA NAGAR - 201306,
UTTAR PRADESH, INDIA

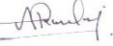
has been assessed by RAPL and found to comply with the requirements of

ISO 14001 : 2015
Environmental Management Systems

For the following activities:
ALUMINUM FORMWORK AND SHUTTERING SYSTEM, METAL PRODUCTS, DESIGNING,
CONSULTING, JOB WORK, CONTRACTOR AND ALLIED ACTIVITIES.

Certificate Number: E20260347770
Date of Certification: 04/03/2026
1st Surveillance on or before: 03/03/2027
1Ind Surveillance on or before: 03/03/2028
Certification Valid Until: 03/03/2029




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Royal Assessments Pvt. Ltd.
623 A, Tower-B, IThum, Plot No. A - 40, Sector - 62, Noida 201301, India.
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**MANAGEMENT SYSTEM
CERTIFICATE**
www.royalapl.com

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694, PATWARI, GREATER NOIDA, NOIDA, GAUTAMBUDDHA NAGAR - 201306,
UTTAR PRADESH, INDIA

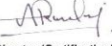
has been assessed by RAPL and found to comply with the requirements of

ISO 9001 : 2015
Quality Management Systems

For the following activities:
ALUMINUM FORMWORK AND SHUTTERING SYSTEM, METAL PRODUCTS, DESIGNING,
CONSULTING, JOB WORK, CONTRACTOR AND ALLIED ACTIVITIES.

Certificate Number: E20260347769
Date of Certification: 04/03/2026
1st Surveillance on or before: 03/03/2027
1Ind Surveillance on or before: 03/03/2028
Certification Valid Until: 03/03/2029




Director (Certification)
Royal Assessments Pvt. Ltd.
623 A, Tower-B, IThum, Plot No. A - 40, Sector - 62, Noida 201301, India.
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COMMITTED TO EXCELLENCE

These certifications reflect our ongoing commitment to:

- ✓ Delivering safe and reliable products
- ✓ Maintaining sustainable and environmentally responsible practices
- ✓ Ensuring customer satisfaction through quality and consistency
- ✓ Continuously improving our processes and performance

- Facility Size: ~1 Acre
- Raw Material Stock: ~200 Tons
- Equipment: Semi-Automatic & Robotic
- Production Capacity: ~15,000 Sqm Monthly
- Lead Time: ~45 Days

Shearing



Friction

Manufacturing Facility



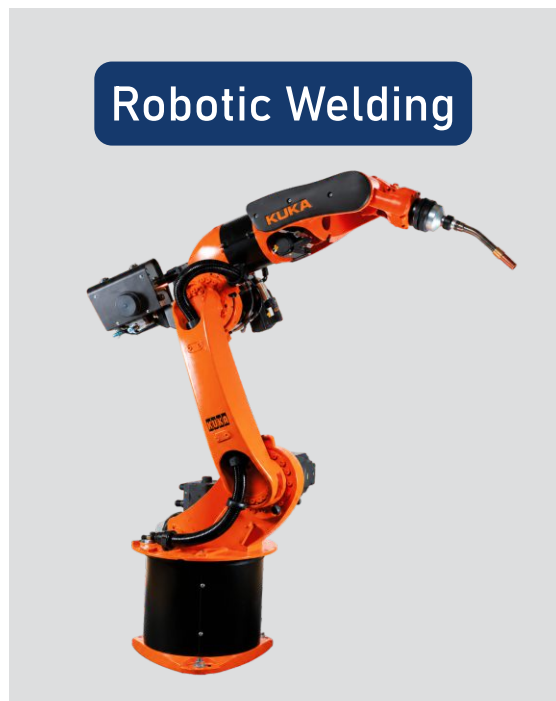
Punching



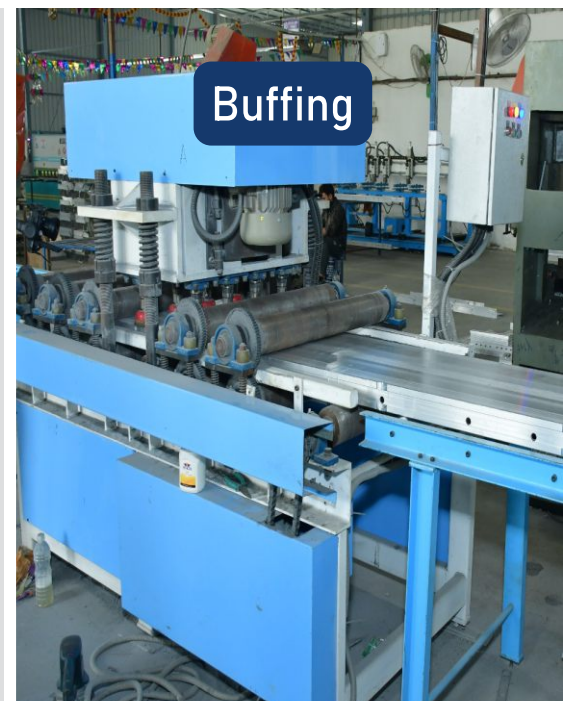
Milling



on Stir Welding



Robotic Welding



Buffing



Barcode Scanning



Packaging



OUR PROJECTS

Delivering excellence in every structure, building spaces that inspire and stand the test of time.



JAYPEE KRESCENT HOMES
NOIDA



RENOX THE THRIVE
NOIDA



AQUA GARDENS
GREATER NOIDA



SKA-DESTINY ONE
GREATER NOIDA



OUR PROJECTS

Transforming visions into iconic structures through advanced formwork solutions and expertise.



ORION HOMES
GHAZIABAD



SUPREME COURT
DELHI



OZAR 96
DELHI



GPRA REDEVELOPMENT COLONY
NETAJI NAGAR DELHI

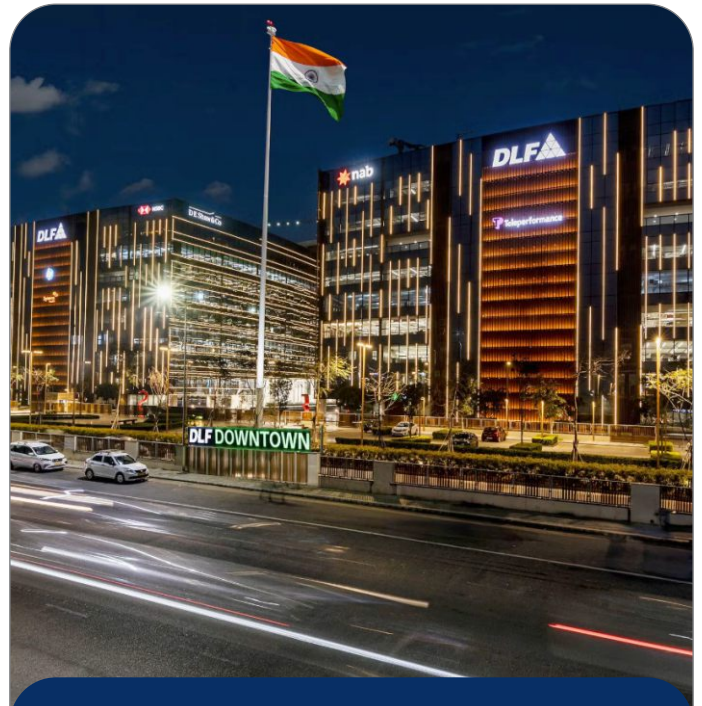


OUR PROJECTS

Every project we deliver reflects our commitment to excellence, safety, and engineering perfection.



TULIP-MONSELLA
GURUGRAM



DLF DOWNTOWN
GURUGRAM



GREEN VISTA
GURUGRAM



ALTEZZA
PUNE

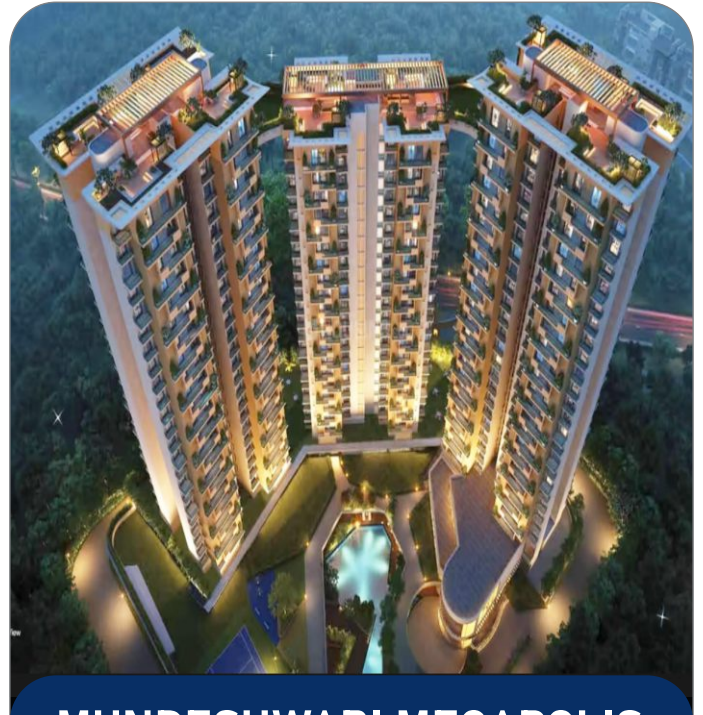


OUR PROJECTS

Building landmarks with precision, quality, and innovation that stand the test of time.



PUNE MAHA METRO
PUNE



MUNDESHWARI MEGAPOLIS
PATNA



NABHNEEL MANSION
RANCHI



JALANDHAR HEIGHTS-3
JALANDHAR

OUR MAJOR CLIENTS

Trusted by industry leaders and renowned organizations, we have built lasting partnerships through quality, precision, and performance.



Our clients' continued confidence in us stands as a testament to our commitment to excellence and customer satisfaction.



GLOBAL PRESENCE ACROSS INDIA & SRI LANKA

With a strong footprint across India and Sri Lanka, we deliver reliable formwork solutions to projects of every scale.

Our growing presence reflects our commitment to quality, innovation, and customer trust across regions.



MAP

- 📍 HEAD OFFICE & FACTORY
- 📍 REGIONAL OFFICE
- 📍 DOMESTIC PROJECTS
- 📍 INTERNATIONAL PROJECT



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- 📍 **Corp. Off.:** T4, B-1503, 1505, NX-ONE,
Greater Noida West, Gautam Budh Nagar, U.P.-201306
- 📍 **Factory:** Plot No. 690/695, Bisrakh-Patwari,
Sector-2, Near Trinity World School, Noida Extn.,
G.B. Nagar (U.P.) 201306
- 📍 **Regional Off.:** Sarvey No. 135/5, Hanumant Nagar,
Landge Basti, Near Back Side Shiv Sagar Hotel, Pune-411039
- 📍 **Regional Off.:** 2nd Floor, Near Pillar No. 249, Nahar Road,
Mithila Colony, Digga, Patna - 801503

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