



**adap**tec

building solutions  
private limited

ALUMINIUM FORMWORK  
REBAR COUPLERS

[www.adaptec.in](http://www.adaptec.in)

WE TAKE PRIDE  
IN PROVIDING SOLUTIONS  
AND NOT JUST PRODUCTS

**adapt**tec  

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building solutions  
private limited

## ABOUT US

Adaptec Building Solutions Private Ltd is an ISO 9001: 2008 Certified company engaged in manufacturing of new-age building products, that have made construction, easier and faster for our customers.

We have been pioneers in bringing new age building solutions to the Indian construction industry.

We believe in providing complete solutions rather than just products.

The Adaptec logo is located in the top right corner. It features the word "adaptec" in a lowercase, sans-serif font. The letters "adap" are in blue, and "tec" is in red. The background of the slide is white with a faint, light gray geometric pattern of overlapping triangles. A large, stylized graphic element, consisting of a red and blue shape, is positioned on the right side of the slide, partially overlapping the text and the image.

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# PRODUCTS

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Aluminium Formwork



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Rebar Couplers



# REBAR COUPLER

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## Types of Rebar Couplers

- Parallel Threaded Coupler
- Cold Forged Parallel Threaded Coupler
- Tapered Coupler
- Transitional Coupler



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## Services Offered

- Manufacturing of Rebar Coupler
- Onsite Threading works
- Special Rod Threading works for Precast
- Providing accessories

# QUALITY CONTROL- REBAR COUPLER



Our couplers conform to the highest standards i.e. EN1992 & BIS 8110

Our couplers go through rigorous testing:

- Chemical Composition Test
- Dimensional Test
- Pull Test/ Bar Break Test/ UTS Test
- Low Cyclic Fatigue Test (LCF)





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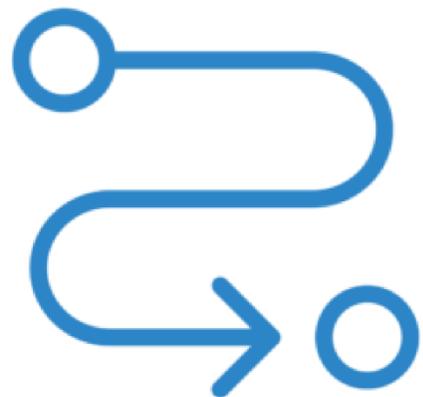
## Types of Aluminium Formwork

- Monolithic Slab Formwork
- Column Formwork
- Retaining Wall Formwork
- Lift Shaft Formwork

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## Solutions Offered

- End to End Solution from Design to Pour
- Integrating clients' existing formwork with new panels as per their latest architectural drawings



## KEY HIGHLIGHTS- ALUMINIUM FORMWORK

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- Design: Our drawings are 3D enabled, hence making it easy to manufacture, assemble and easy to understand even by non-experts at site. Our drawings can even be visualised through Virtual Reality (VR) glasses.
- Material: We Use 100% 6061-T6 grade aluminium and maintain 4-4.2mm panel thickness. This offers a good balance of strength, weight, and corrosion resistance. A high-quality lacquer coating on the panels will enhance durability, create a smoother concrete finish, and makes cleaning easier.
- Manufacturing: We follow Six Sigma approach in our manufacturing. At every stage we have robust checks and well outlined manufacturing guidelines to ensure we deliver only the best to our customers.

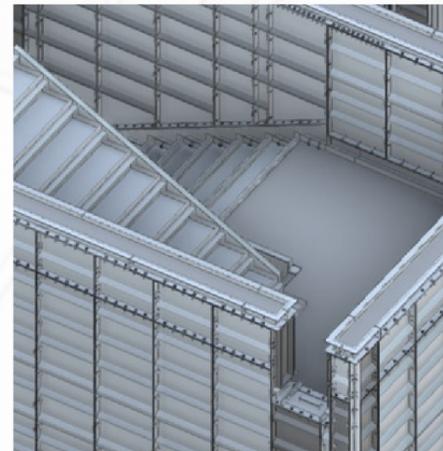
# PROCESS FLOW- ALUMINIUM FORMWORK

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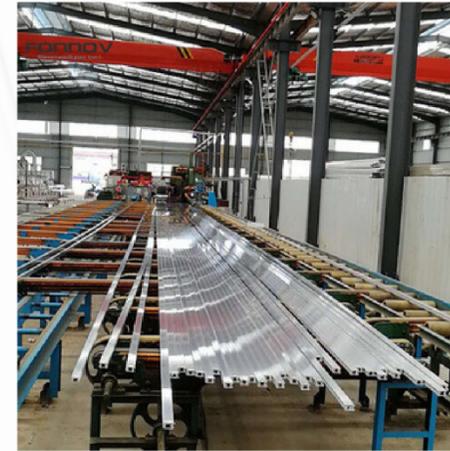


- Receiving Enquiry
- Providing Rough Estimation and quote
- Receiving PO alongwith advance
- Receiving architectural drawings in CAD format
- Providing formwork drawings
- Receiving approval for the formwork drawings
- Manufacturing of formwork as per drawings
- Supply to site and ensuring adequate base work
- Installation at site
- Slab Pour

# MANUFACTURING PROCESS- ALU FORMWORK



Design



Extrusion



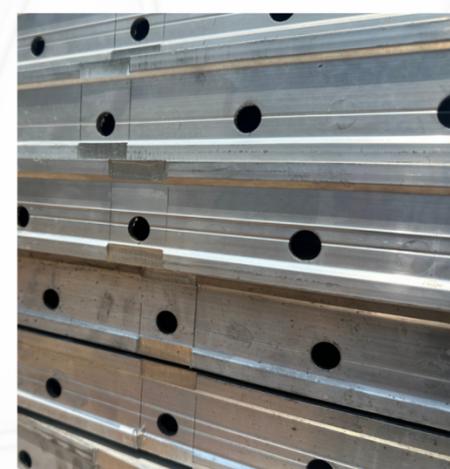
Length Cutting



Hole Punching



Fabrication



Notching



Straightening



Lacquering

# QUALITY CONTROL- ALU FORMWORK

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- Multi Point Design Validation
  - Dimensional Accuracy Check
  - Welding Inspection
  - Surface Finish Inspection
  - Functionality Check
  - Pre-Dispatch Inspection

## Additional Considerations:

- Training
- Machines & Instrument Calibration
- Documentation
- Continuous Improvement



# MANUFACTURING FACILITY- ALU FORMWORK

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# FEW OF OUR ESTEEMED CLIENTELE



# CONTACT US

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