

UNIQUE PRECAST PRIVATE LIMITED

PRECISION IN EVERY PROJECT



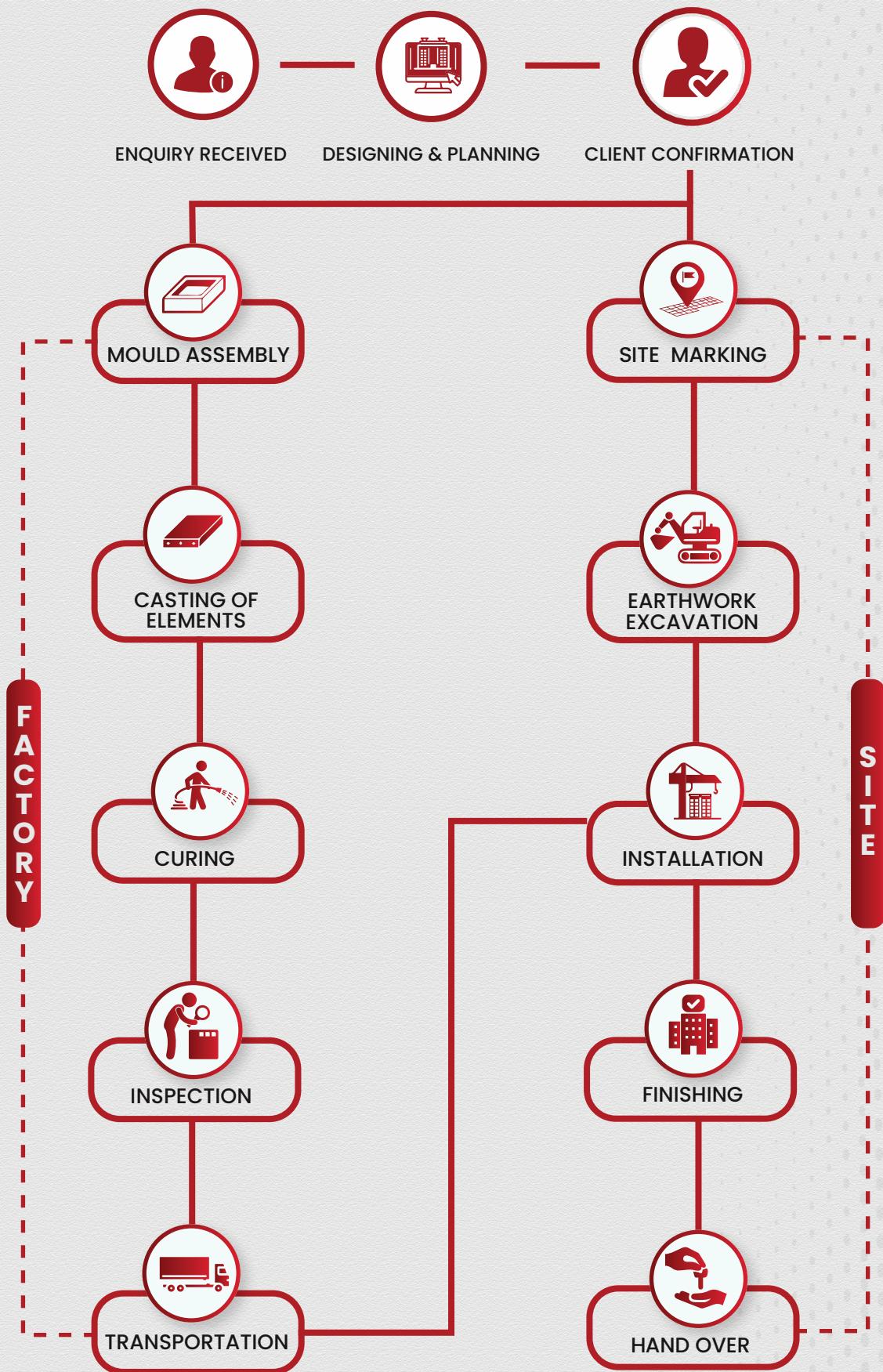
ABOUT COMPANY

Unique Precast Private Limited is a precast manufacturing company located in Palladam, Tirupur, Tamil Nadu, INDIA. We intently work on building tomorrow's vision in the rapidly growing precast industry. We have been consistently excelling in providing precast building solutions to our customer's satisfaction. We are confidently growing in terms of performance as well as the working team with knowledge and experience. We aim to provide significant advantages in terms of speed, quality, cost and sustainability compared to traditional construction methods.



Precast construction represents a paradigm shift in the construction industry, offering unparalleled efficiency and durability. It empowers architects and designers to unleash their creativity, offering limitless design possibilities. By embracing advanced engineering techniques and innovative manufacturing processes, these systems pave the way for a new era of construction excellence. As the demand for cost-effective and environmentally conscious solutions continues to grow, precast construction stands at the forefront of innovation, reshaping the built environment for generations to come. By breaking free from the constraints of traditional construction methods, precast solutions inspire innovation and push the boundaries of architectural expression.

WHAT WE DO



OUR SERVICES

Precast Technology in Pre Engineered Buildings

Pre-engineered steel buildings are among the modern, high-speed construction projects that are highly regarded. These steel buildings need to be completed even faster these days, since time is a vital consideration. Thus, precast concrete walls were added to pre-engineered steel structures. On-site concrete casting of footings, columns, beams, and walls are counted for the majority of the expected completion time. The utilization of precast elements alternatively to on site concrete reduces overall building time.



Precast Technology in Low Rise Buildings



Precast construction makes it simple to construct buildings like offices, storage rooms, security cabins, restrooms, canteens, and other miscellaneous structures. This will save a lot of time over traditional on-site construction because the building elements arrive with finished look from the factory. The rapid construction timeline and cost efficiency make these systems a go-to choice for developers seeking to maximize returns on commercial ventures.

Precast Technology in High Rise Buildings

Precast concrete Structure is a revolutionized high-rise building by simplified processes, reduced timeframes, and providing improved structural performance. The requirement for high-rise structures to withstand the lateral stresses caused by wind and possible earthquakes is the most crucial design consideration. Durability, strength, and efficiency are improved by the structural systems in use.



Precast Technology in Compound walls



Precast concrete compound walls are becoming popular because of their quick installation time and fire resistance. These RCC compound walls are made of high-quality concrete, they are stronger than traditional brick walls. These modular walls are simpler to modify or upgrade in the future, and they also have an extended lifespan. These walls are adaptable, personalized designs that meet quality and increased life span.

WHY CHOOSE US

PRODUCT HIGHLIGHTS



FASTER CONSTRUCTIONS

Precast elements are manufactured in factory which allows faster on-site installation. This reduces overall construction time significantly while increasing building's efficiency.



DURABILITY

It is a durable material that can withstand harsh weather and heavy loads. It is also resistant to fire, wind and water seepage, which makes it a long-lasting choice for construction.



SUSTAINABILITY

Less raw materials is consumed and less waste is generated during construction. It can be made from recycled materials and is fully recyclable at the end of its life span. Additionally, its longer life span reduces the environmental impact of the building over time.



SAFE CONSTRUCTION

Since the casting work is carried out in the factory, there are no materials stored in site. This makes it easier to maintain a clean working space in the site even in crowded area making it accident-free zone.



DESIGN FLEXIBILITY

With the ability to be manufactured in various shapes, sizes and finishes, precast engineering offers greater design flexibility and customization to suit specific requirements



CONSISTENT QUALITY

Casting elements within controlled environment reduces any defects and improves overall quality of the finished consistent product. This ensures uniformity, dimensional accuracy and good finishes throughout the building.

WHAT IS PRECAST CONCRETE

Precast concrete is a durable and sustainable material that can withstand harsh weather conditions and is fully recyclable at the end of its cycle. It is a construction product made by casting concrete in a reusable mould which is then cured in a controlled environment in the factory. The elements are later transported to the construction site and installed as a finished building.



From faster construction timelines and lower labour costs to greater design flexibility and customization, precast construction is changing the way we build. So, if you are looking for a construction material, we can provide superior quality, speed and aesthetic finish, choosing precast concrete is the best option.

CAST IN SITU CONCRETE



PEB-STEEL BUILDING



CHARACTERISTIC DIFFERENCE

CHARACTERISTIC	PRECAST CONCRETE	CAST IN SITU CONCRETE	PEB – STEEL BUILDING
Speedy construction	✓	✗	✓
Manufactured in controlled environment	✓	✗	✓
Quality control	✓	✗	✓
Easy maintenance	✓	✗	✓
Less labor force	✓	✗	✓
Stability / Durability	✓	✗	✓
Material savings	✓	✗	✓
Delay due to bad weather	✗	✓	✗
Cheaper in large structures	✓	✗	✓
Recyclable	✓	✓	✓
Re-installation	✓	✗	✓

OUR GROUP OF COMPANIES

1. BALU ENGINEERING WORKS

Balu Engineering Works, one of our group companies, have been executing various on-site civil turnkey projects in connection with PEB buildings. We are the Empaneled contractor for Indian Oil Corporation Limited, Nuclear Power Corporation Limited, Hindustan Food Products, Hindustan Prefab Limited, JSW Steel Limited and other corporate companies in India. Various successful project deliveries have been achieved in Pan India.



2. UNIQUE ROOF PRIVATE LIMITED – UNIT 1



Even after three decades in business, the satisfaction of the future occupants and their owners come first. We focus on meeting the needs of our worldwide customers for durable, affordable and versatile pre-engineered steel buildings. We are ISO 9001:2008 certified. Our workforce exhibits proficiency with highly skilled teams in Structural aspects. The pre-engineering division spanning over 1,00,000 sq. ft. is equipped with modernized machineries. We also export to Asian and Middle East countries.

3. ASIA GREEN FOAM PVT LTD

In this factory, we are manufacturing HIGH – QUALITY PU FOAM products for mattress, furniture and automotive. We offer a wide range of foam options with various dimensions as per customer requirements. We are equipped with advanced machinery, including a continuous slabstock foaming machine, CNC foam cutting machine and Auto roll foam cutting machine.

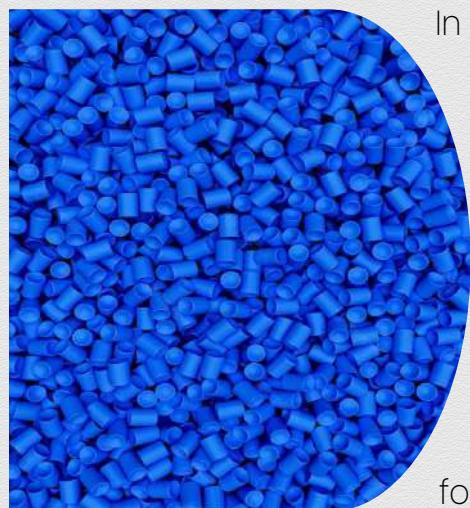


4. UNIQUE ROOF PRIVATE LIMITED - UNIT II

Unit II of our company comprises of an ultra-modern aluminium coil coating plant and aluminium composite production facility under the name **Unique Bond** brand. We are an MSME registered firm that is honored to be the first to color coat 1600 mm width aluminum coils and 1600 mm width aluminum composite panels. We are collaborating with globally renowned companies like Jindal, Akzo Nobel, Nippon, Berger Beckers, Monopol, Henkel Technology for chemicals used in pretreatment, Hindalco for aluminum coils and 3M & Dupont for an adhesive, gives us the ability to maintain its high quality.



5. UNIQUE RECYCLE POLYMERS



In this factory, we manufacture LDPE (low-density polyethylene), HDPE (high-density polyethylene) and HMHDPE (high molecular high-density polyethylene) through recycling process from waste plastic covers. The covers are thoroughly cleaned before processing. The recycled products are obtained in granules which is later used as the core material in ACP (Aluminium Composite Panels). This modest but innovative concept creates a material that is remarkably flat, highly formable and offers an impressive strength to weight ratio.

CONTACT US



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India - 641 662.

UNIQUE GROUP OF COMPANIES

UNIQUE ROOF (P) LTD – UNIT I

PEB MANUFACTURING UNIT

Phone : +91 98422 40422, +91 98422 40423,
0422 2627177

E-mail : enquiry@uniqueroof.net

Web : www.uniqueroof.net

Location : SF No. 2/368C, Irugur Road,
Chinniampalayam, Coimbatore, Tamil Nadu,
India - 641 062.

BALU ENGINEERING WORKS

CIVIL CONTRACTORS

Phone : 0422 2625994, +91 99655 20422

E-mail : baluengworks@yahoo.com

Web : www.baluengworks.net

Location : SF No. 240/1, Irugur Road,
Chinniampalayam, Coimbatore,
Tamil Nadu, India - 641 062.

ASIA GREEN FOAM

PU FOAM MANUFACTURERS

Phone : +9172008 99952

E-mail : arun@asiagreenfoam.in

Location : Asia Green Foam pvt ltd ,
281/1E,K. Ayyampalayam & Post,
Palladam,Tirupur (Dt),Tamil Nadu,
India - 641662.

UNIQUE ROOF (P) LTD – UNIT II

ACP MANUFACTURING UNIT

Phone : +91 73736 22222, +91 98420 40422

E-mail : enquiry@uniquebond.net

Web : www.uniquebond.net

Location : 281/1E, K. Ayyampalayam & Post
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UNIQUE RECYCLE POLYMERS

POLYMER MANUFACTURING UNIT

Phone : +91 74488 40422

E-mail : uniquerecyclepolymers@gmail.com

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Location : SF No. 279/1, Palladam- Cochin
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FOR MORE INFO



SCAN HERE