The Leading High-Tech Precast Concrete Provider
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API®

THE PRECAST ALLIANCE

API has been the trusted brand of precast reinforced concrete products in Malaysia’s infrastructure and building industries since year 1997. Among its prestigious developments include KLIA 2, Penang International Airport, Padang Besar to Ipoh Double Track Project, MRT, LRT and more.

API aspires to be the leading precast manufacturer with a mission to provide total customer satisfaction through timely delivery, quality products and highest level of services.

STRATEGICALLY LOCATED FACTORIES WITH COMPLETE DISTRIBUTION NETWORK

Since the inception of API in 1997, we have been consistently growing not only in terms of product range but as well as production capacity. From a humbling one factory, we now have a grand total of six factories covering the whole of Peninsular Malaysia. Our reach extends from the northern region in Sungai Petani, central region in Rasa, Rawang and Ulu Yam, southern region in Kulai and the eastern region in Besut. This expansion aims to directly enhance the competitive edge of API in terms of logistic and timeliness in meeting the delivery schedule of our clients.
We assign our team to work closely with our clients. This is to make sure that our products able to meet their expectations in terms of quality, needs and consistency. We aim to provide the highest level of services and reliability for our clients.

We always put our clients’ priority first in terms of quality, solution-based supply and prompt delivery. We have managed to gain customers confidence and satisfaction throughout the years.

**KEY TO SUCCESS**

**Highest Priority to Our Clients**

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**EXPERIENCED STAFF AND PRECAST SOLUTIONS CUSTOMIZATION**

API’s highly professional and widely experienced team has piloted multiple landmark projects to help our partners in delivering and fulfilling their promises and ambitions. Our factories are incorporated with innovative and high-tech production system which enable us to produce high quality and durable precast concrete products through rigid quality control and strict monitoring system.

API able to satisfy large scale and on demand construction requirements with large production capacity and precast solutions customization. Our team, products, coverage and innovative facilities are crucial in ensuring the success of your projects from execution to completion.
API® PRECAST PRODUCTS

In moving forward to an eco-friendly carbon emission footprint, API uses GREEN cements in our concrete products. Products with blended cements have enhanced workability, long term strength gain and durability in marine conditions, sewerage applications and other aggressive environments.

API also provide customizable precast solutions to fulfill different specification and requirements of our clients.

Concrete Parapet Wall

API Concrete Parapet Wall is designed and manufactured to satisfy higher aesthetic appearance requirement and serves as vehicle restraint system. Parapets on bridges and other highway structures (such as retaining walls) prevent users from falling off where there is a drop. They may also be meant to restrict views, to prevent rubbish passing below, and to act as noise barriers.

Concrete Prestressed Beam

API Prestressed Beams are manufactured in various types to suit project requirements. Our products included TM-beam, UM-beam, PRT-beam, I-beam, Inverted T-beam, Double T-beam, and post tension beam up to 30 metres long.

Prestressed Concrete Pile

API Prestressed Concrete Piles are manufactured using G60 high strength concrete design with high yield strength prestressed wires/tendons which contribute to higher working load and higher bending moment capacity comparatively to equivalent size of Reinforced Concrete Piles. They have better crack resistance during handling and pitching at site.

Reinforced Concrete Pile

API Reinforced Concrete Square Piles are manufactured under factory controlled condition that are certified to MS ISO 9001:2008 by Sirim QAS International Sdn. Bhd. They are available in API Standard R.C. Piles an JKR Standards Class 1 Reinforced Concrete Piles. API Standard R.C. Piles are designed in accordance with BS 8004:1986, whereby the JKR Standard Class 1 R.C. Piles are manufactured in compliance with JKR standard drawing and specification, and are certified by IKRAM QA Services. Sdn. Bhd.

Large Diameter Pipe

API Large Diameter Pipes are available in nominal diameter of 2400mm to 3000mm. It provides alternative to multiple small pipe or box culvert that caters for large storm water discharge or sewerage application.

Concrete Spun Pipe

API Precast Concrete Spun Pipe consists of rebated joint pipe and spigot & socket c/w rubber ring joint pipe. Spun pipe is manufactured by high speed centrifugal spinning process to achieve dense concrete pipe with superior quality and finishes.
API Box Culverts are available in both Standard Size (for nominal width between 600mm and 1800mm) and Super Size (for nominal width between 2100mm and 3600mm) in 1-metre length. API Box Culverts are available in both WITH and WITHOUT Dry Weather Flow (DWF) channel.

API L-Shape units are available in various types and can be designed to suit the site conditions and fulfill the project requirements.

API U-Drains are available in both Standard Size (for nominal width between 600mm and 1800mm) and Super Size (for nominal width between 2100mm and 3600mm) in 1-metre length. API U-Drains are available in both WITH and WITHOUT Dry Weather Flow (DWF) channel.

API Concrete Manhole system is the most flexible system where its various components can be mixed and matched to form a complete manhole system for any kind of project requirement. The concrete manhole system is suitable for both drainage and sewerage.

API Arch Culvert is designed for bridge crossing over vehicular or pedestrian underpass, drainage, irrigation or utility services such as electrical cables or oil & gas pipelines. It requires minimum site equipment and accessories for installation. The structure also serves to reduce the construction period with no major structural work on site.

API Concrete Building Column is manufactured to meet high precision requirement and high quality finishing under factory controlled condition. Reduces construction time and cost.

API Concrete Fence Wall is designed to meet higher aesthetical appearance requirement besides serving as security barrier to trespassing. Construction takes lesser time and cost due to simple and easy installation. Typical dimension of fence wall is 650mm x 3050mm.

A Jersey barrier or Jersey wall is a modular concrete barrier employed to separate lanes of traffic. It is designed to both minimize vehicle damage in cases of incidental contact while still preventing crossover in the case of head-on accidents.
API PIPEPLUS™ Vertical Cast R.C. Pipe

API PIPEPLUS™ vertical cast reinforced concrete pipes are manufactured using patented vertical cast technology from the USA, a method that employs specialized high-tech machinery to produce superior strength pipes with precise dimensions and consistent quality. The pipes are manufactured to meet Malaysian Standard; MS 881:Part I:1991. The products are available in sizes of DN300mm to DN1800mm meeting various requirements.

Reinforced Concrete Pipe (VC Pipe)

API Vertical Dry Cast Pipes (VC Pipes) are manufactured using the quick stripped & formed method. This vertical dry-cast method employs core vibration and hydraulic compaction to form pipes using low slump concrete. The pipes are available from 450mm to 1500mm nominal internal diameter with nominal length of 1.5 metre complete with rebated joints. API VC Pipes are made to satisfy the loading requirements of Australian Standard AS 4058 (Classes:X/Y/Z) or Malaysian Standard MS 881 (Classes L/M/H).

Hightech Product - MRT Tunnel Lining

The production of precast tunnel lining segment requires knowledge in high performance concrete, very tight tolerance requirement, intricate handling & storage of the segment, very stringent quality control and smart scheduling. API has vast experience in manufacturing tunnel lining segments for application in MRT Tunnels. These segments are installed in the field to form a complete ring, supporting recently excavated soils through the improvement of steel fibres in the concrete.

Precast Concrete Crosshead

Precast concrete crosshead provides alternative to conventional cast in situ crosshead in bridges construction.Besides shorten construction duration, precast concrete crosshead minimize obstruction to traffic flow in vicinity of site and also free the site from messy cast in situ works.
API’s expanding business with the setting up of new factories across Malaysia has helped increase its productivity at the same time supporting whole demands throughout the country.
API has achieved remarkable gains through extensive marketing strategies and high productivity over the years of its excellence. With a wide spread of precast production factories throughout the Peninsular of Malaysia and high-ranked technology, API has successfully enhanced productivity levels at the same time expanding the company’s vision to the next level.
Through systematic R&D for better innovations and productivity, API has successfully achieved distinctive developments to retain and improve the quality of our products and simultaneously increase the efficiency of our services. API’s products are monitored and developed by cutting edge technological research system according to the current construction trend and the standard of the industry.

Our ultimate goal is to be the preferred manufacturer in the Precast Concrete Industry in Malaysia

- Total customer satisfaction by providing quality products and quality services.
- Achieving high productivity and efficiency through continual improvement in the production process.

We are committed to comply with ISO standards and continually improve the quality management.
API manufactures Ground Granulated Blast Furnace Slag (GGBS); a high quality, eco-friendly and durable cement replacement material. This development has allowed us to provide additional options for our clients aiming at improving sustainable construction.

### The Advantages of GGBS
- Reduces greenhouse gas emissions in cement manufacturing industry.
- Reduces heat of hydration (mass concrete applications).
- Enhances durability performance. (superior resistance towards ingress of chloride, sulphate and carbonation)
- Enhances fresh concrete’s workability.
- Enhances ultimate strength performance.

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**Our Partner**

**MDC**

By joining forces with Macro Dimension Concrete, we are able to provide a total concrete solutions covering a vast variety of quality concrete products to our clients. We aspire to be the leading precast manufacturer with a mission to provide total customer satisfaction.

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**HUMAN CAPITAL & DEVELOPMENT**

Like every other growing organization, human capital is essentially required to accomplish every goals illustrated in our company vision and mission. Thus, AMTRC Academy is established to cultivate potential individuals with the right knowledge, skills and attitude that the company needs to achieve sustainable growth.

AMTRC Academy provides a well-equipped training platform for effective learning to take place. Our programs incorporate industry-led practicum, internships and work-based learning. We help to shape and guide those who join us towards becoming a skilled and competent workforce.

To be one of us, call 04-444 6388 or visit our website: www.amtrc.edu.my
API® MILESTONE - Gallery of Achievements

API has secured its reputation as a trustworthy and competent supplier with proven track records through its successful ground-breaking projects and prestigious developments.
API Precast Marketing Sdn.Bhd. (770700-A)

Sales Offices

Northern Region
81-A, Jalan Perai Jaya 4, Bandar Perai Jaya,
Seberang Perai Tengah, 13800 Prai, Penang.
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Central, Eastern & Southern Region
Lot 9022, Jalan Sungai Buaja, Kg Koskan,
48200 Rawang, Selangor Darul Ehsan.
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Fax: 603-4028 4078
Email: apish@api.com.my

Factories

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Kedah Darul Aman

Rawang Factory
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48200 Rawang, Selangor Darul Ehsan

Rasa Factory
Lot 19, Jalan Zurah 5, Pusat Perindustrian Zurah,
Mukim Rasa, 44200 Daerah Hulu Selangor,
Selangor Darul Ehsan

Ulu Yam Factory
Lot 1383, Pusat Perindustrian Batu 29 Ulu Yam,
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Besut Factory
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Kulai Factory
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81000 Kulai, Johor Darul Takzim