

# G-CAST™

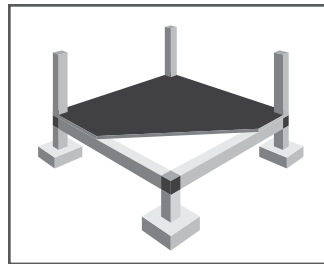


## Industrialised Building System

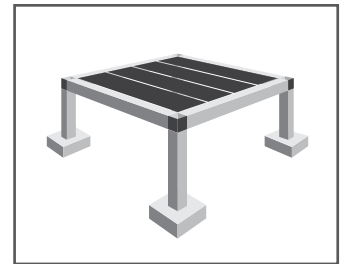


# G-Cast Industrialised Building System

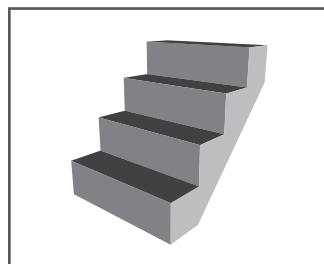
G-Cast Industrialised Building System (IBS) is an innovative building system that meet the revolution for today's construction industry. G-Cast provides the frame structure of a building in a salient way as compared to conventional construction method.



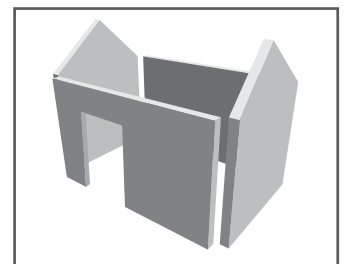
**Cast in-situ ground floor, typically reinforced concrete ground beams and slabs.**



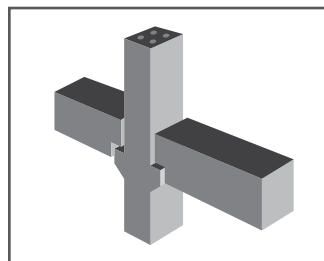
**Precast reinforced concrete columns.**



**Precast reinforced concrete staircases.**



**Other precast elements to project's requirements.**



**Precast reinforced concrete beams and precast half slabs with composite in-situ concrete topping.**  
(Half slabs can be either reinforced concrete or prestressed concrete type)

## Application

- Residential Buildings
- Commercial Buildings
- Standard JKR Buildings  
(Schools, Quarters, Colleges, Institutions etc.)

# Advantages

## **SPEEDY CONSTRUCTION**

Simplified construction method, as a result saves time and shorten the duration of project.

## **EASE OF INSTALLATION**

Less labour required at site and reduces dependency of foreign workers at the construction site.

## **AESTHETICALLY PLEASANT**

Highly aesthetic end products through quality controlled pre-fabrication in the factory.

## **QUALITY ASSURANCE**

Precast components are manufactured under controlled factory environment with stringent ISO 9001:2000 quality management system.

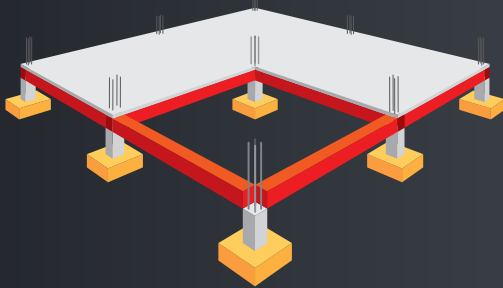
## **CLEANER AND SAFER SITE ENVIRONMENT**

Reduction of timber formwork and construction wastage creates better site working environment.

# Construction Sequence

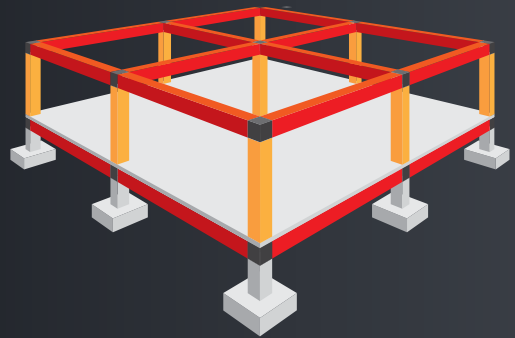
## **Step 01**

Preparation and construction of in-situ foundation, ground beams and ground floor slabs, RC Stumps c/w starter bars ready to connect with precast columns.



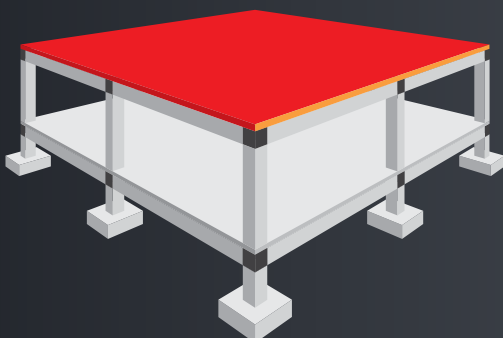
## **Step 02**

Launching of precast concrete columns and beams into position. All precast components must be propped during installation.



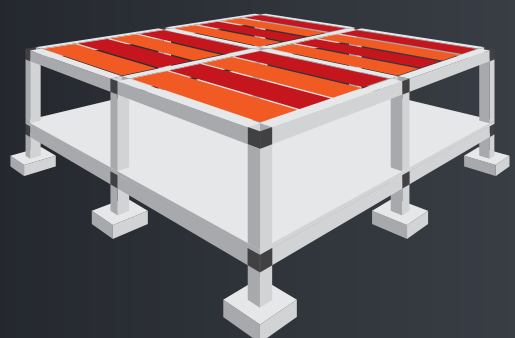
## **Step 04**

Casting of concrete topping in single operation.



## **Step 03**

Installation of precast concrete half slabs. All precast slabs must be propped during installation.



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- Lot 12448-12473, Kawasan Perindustrian Bidor, Mukim Bidor, Daerah Batang Padang, 35500 Perak
- Lot 1561, Kampung Stesen, Sungai Choh, 48000 Rawang, Selangor
- Lot 89, Jalan Kulai-Kota Tinggi, Mukim Kota Tinggi, Daerah Kota Tinggi, Johor Darul Takzim



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