

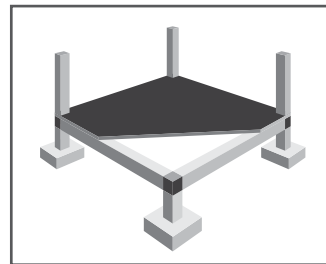
G-CAST™

Industrialised Building System

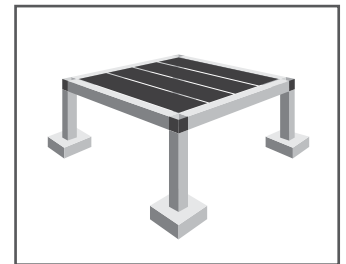


G-Cast Industrialised Building System

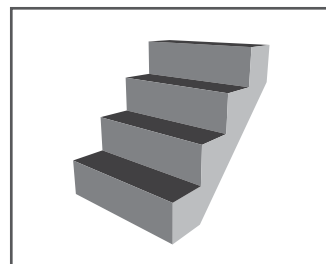
G-Cast Industrialised Building System (IBS) is an innovative building system that meet the revolution for today's construction industry. G-Cast provides the frame structure of a building in a salient way as compared to conventional construction method.



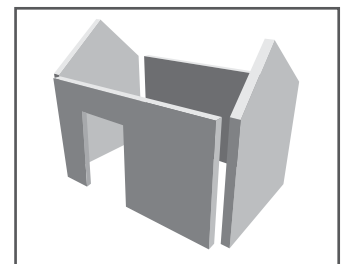
Cast in-situ ground floor, typically reinforced concrete ground beams and slabs.



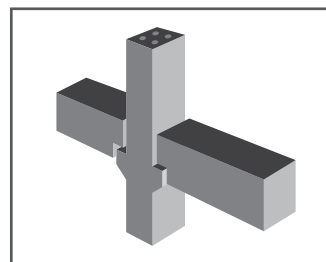
Precast reinforced concrete columns.



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.

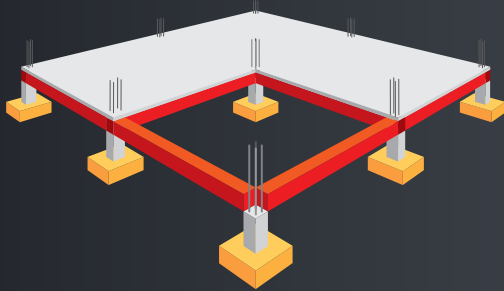
CLEANER AND SAFER SITE ENVIRONMENT

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

Construction Sequence

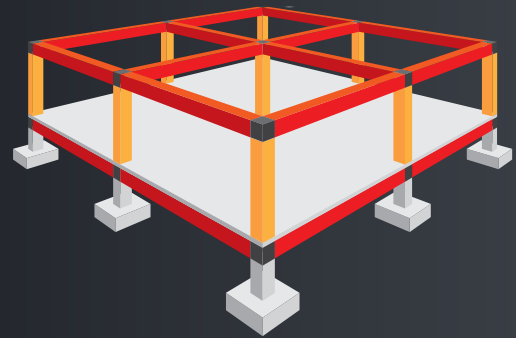
Step 01

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.



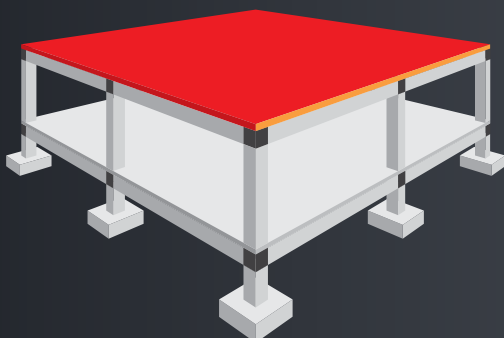
Step 02

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



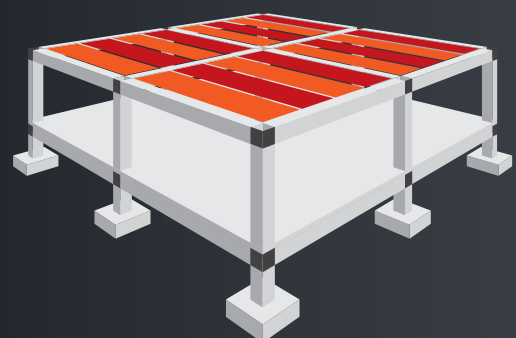
Step 04

Casting of concrete topping in single operation.



Step 03

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





G-CAST CONCRETE SDN BHD

A-1-3A, Pusat Perdagangan Kuchai
No. 2, Jalan 1/127, Off Jalan Kuchai Lama
58200 Kuala Lumpur, Malaysia

T : +603 7983 8068

F : +603 7983 6080

www.g-cast.com.my