THE
TECHNOLOGY
ADVANTAGE

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Abode All

3D Monolithic Precast
Construction Technology Solution

3D

PRECAST SYSTEM & TECHNOLOGY

monolithic

load bearing

zero wastage

blast proof

conduits and wiring

50+ years Structural Guarantee

5k – 100 k sq. ft. in 24 hours

embedded insulated wall

power finished floor

1st & 2nd fix MEP conduits

high seismic load

no scaffolding

no joints

modular

5 panel in one

95% less gas emission

on site casting

ongoing maintenance reduced by 95%

3D Volumetric Casting

fair finish, inside/out

Computerized Mold System

no timber

no plastering

no propping

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ADVANTAGES

upto **80%** FASTER
than traditional construction methods

upto **50%** STRONGER
each unit 1 piece

upto **90%** WASTE FREE
totally relocatable recyclable

upto **50%** CHEAPER
material and labour cost

On-site manufacturing
eliminates transportation & multiple handling

Stronger, one piece, stackable
3D monolithic concrete construction

Improved
thermal & acoustic performance

Reduced
operating & ongoing maintenance costs

Note:
Depending on 1. Design 2. Time Frame 3. Project Size

THE TECHNOLOGY ADVANTAGE

Unlike the conventional and traditional 1D and 2D Precast methods, this technology is the new unique truly 3D, monolithic, Modular solution that can be poured complete with window and door frames, electrical and plumbing conduits already inlaid.

The major advantages the technology offers over its competitors are

✓ Rapid construction on-site

✓ Quality & accuracy (+/- 2mm – 5 mm)

✓ Long term strength and durability

✓ Fire, water, cyclone, earthquake, termite, marine and corrosion proof

✓ Fire rating / sprinkler concessions

✓ All weather production facility

✓ Reduces scaffold and formwork

✓ No propping, caulking, brackets

✓ Clean and neat construction site

✓ Windows, doors and other modular furniture can be ordered straight from the drawings due the accuracy.

✓ The external and internal walls painting can be done without the need to plaster or render

✓ The doors, windows along with their frames can be fitting at the time of casting the modules.

✓ Value engineering can add cost and time savings of up to 20% on the overall construction.

✓ Transportable factory – the moulds can be transported

The above advantages enables savings of 10 – 15% on the average cost per project and can build 20 – 30% faster per project with Quality Control built in.

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