

URBANAAC
EXPERT PRECAST SOLUTIONS



Harness the power of

Precast

Urbanaac revolutionizes the traditional construction practices through technology and automation with tailor made precast elements across various project segments.



FASTER EXECUTION



SUPERIOR QUALITY



EXTREME PRECISION



CONSISTENCY



HIGHER DURABILITY



SUSTAINABILITY

GUJARAT'S LARGEST TURNKEY PRECAST SOLUTION PROVIDER

Urbanaac Infrastructures Pvt. Ltd. has been established in Gujarat with a vision of providing the highest quality precast solutions.

We at Urbanaac strive to ensure that our products are impeccable and services are top notch.

We are fully committed to deliver every project with utmost dedication and care.

25 ACRES OF
LAND AREA

WORLD'S MOST
ADVANCED TECH

STATE OF THE ART
MANUFACTURING

4.5 MILLION SQ. FT.
LINEAR PRECAST
ANNUAL PRODUCTION

FROM INCEPTION TO COMPLETION

Having years of expertise, we understand all the intricacies of Precast. As a result, we are capable of providing complete solutions across the entire Project Life Cycle.

We pride ourselves on our solutions - which are smart, flexible, and provide a host of benefits for our clients.



OUR PRODUCTS

HOLLOW CORE SLABS

PRESTRESSED BEAMS

COLUMNS WITH CORBELS

LOAD BEARING WALLS

NON LOAD BEARING WALLS

COMPOUND WALLS [Solid / Hollow Core]

**OUR ESTEEMED
CLIENTELE**



NARENDRA MODI STADIUM

> WORLD'S LARGEST CRICKET STADIUM

CLIENT: LARSEN & TOUBRO

PROJECT: SPORTS ARENA

CAPACITY: 1,32,000

LOCATION: MOTERA

STATUS: COMPLETE





FAIRMONT HOTEL

> MUMBAI'S MOST LUXURIOUS HOTEL

CLIENT: THE SHREM GROUP

PROJECT: LUXURY HOTEL

LOCATION: MUMBAI

STATUS: ON GOING

BUILDING SIZE: 3B+G+11

TOTAL AREA: 10,00,000 SQ.FT.

AHMEDABAD UNIVERSITY

> GUJARAT'S MOST PRESTIGIOUS UNIVERSITY

CLIENT: PSP PROJECTS LTD.

PROJECT: UNIVERSITY

LOCATION: AHMEDABAD

STATUS: COMPLETED

BUILDING SIZE: 2B+G+4

TOTAL AREA: 2,20,000 SQ.FT.



MALABAR COUNTY-III

> GUJARAT'S 1ST PRECAST HIGH RISE RESIDENTIAL

CLIENT: GANESH HOUSING

PROJECT: RESIDENTIAL TOWER

LOCATION: AHMEDABAD

STATUS: ON GOING

BUILDING SIZE: B+G+12

TOTAL AREA: 4,50,000 SQ.FT.





MALABAR EXOTICA

> PRECAST HIGH RISE RESIDENTIAL TOWER

CLIENT: GANESH HOUSING

PROJECT: RESIDENTIAL TOWER

LOCATION: AHMEDABAD

STATUS: ON GOING

BUILDING SIZE: 2B+G+14

TOTAL AREA: 6,00,000 SQ.FT.



INDIVIDUAL VILLAS

CLIENT: INDIVIDUALS
PROJECT: RESIDENTIAL VILLAS
LOCATION: AHMEDABAD
STATUS: COMPLETED



PRECAST ST BUS STAND

CLIENT: GSRTC

PROJECT: BUS STAND

LOCATION: HIMMATNAGAR


STATUS: COMPLETE




THE URBANAAC EDGE

When you work with Urbanaac, you get an edge on all aspects of a project. This is the result of having years of experience with precast and optimizing every part of the project's workflow.


TIME

OFF-SITE PRODUCTION
ALL WEATHER CONSTRUCTION
HIGH SPEED EXECUTION 


COST

FASTER ROI CYCLE
LOW ENERGY USAGE
LOW MAINTENANCE 


SAFETY

IMPROVED HEALTH & SAFETY
HIGH SEISMIC PERFORMANCE
MORE FIRE RESISTANCE 


RESOURCE

INCREASED PRODUCTIVITY
ENVIRONMENT FRIENDLY
SAFER & CLEANER SITES 

QUALITY

LONGER BUILDING LIFE
SUPERIOR FINISH
HIGHER STRENGTH 

SCOPE

FLEXIBILITY IN DESIGN
CLEAR SPANS, HEIGHTS, AREAS
REDUCED STRUCTURAL WEIGHT 



HOLLOW CORE SLABS



- > Provide longer and clear spans for maximum functional layouts
- > Voids provided functions as service ducts for greater functionality
- > Superior quality & excellent finish surfaces
- > Can achieve 15% - 30% reduction in overall weight of structure
- > Efficient in Thermal and Acoustic insulation

STANDARD WIDTH: 1.2m

AVAILABLE THICKNESS:

70 mm ▪ 100 mm ▪ 120 mm ▪ 150 mm

200 mm ▪ 250 mm ▪ 400 mm ▪ 500 mm

PRESTRESSED BEAMS



- > Permits use of larger spans even under subjected to heavy loads
- > Structurally efficient with great torsional strength and exposed natural finish
- > Lesser deflection resulting to stiffer structures
- > Lesser Structural depths leads to more space availability
- > Best use for Horizontal Structural Framework

TYPES OF BEAM: Inverted "T" ▪ "L" ▪ Rectangular

AVAILABLE SIZE: W=1250mm, H=1000mm



LOAD BEARING WALLS

- > Can incorporate with/without openings for all required MEP conduits
- > Superior quality with excellent surface finish
- > Performs better in Fire Resistance
- > Quick and Easy to install
- > Best use for an exterior wall as an architectural facade

AVAILABLE THICKNESS:

75 mm ▪ 100 mm ▪ 125 mm ▪ 150 mm
160 mm ▪ 200 mm ▪ 240 mm ▪ 260 mm
300 mm ▪ 340 mm

NON-LOAD BEARING WALLS



- > Hollow Core voids tends to make it lighter in weight
- > Thin panels increases the overall floor space
- > Voids can function as ducts for MEP, providing greater functionality
- > Designed to provide sound insulation from outside environment
- > Quick and Easy to install with excellent surface finish

AVAILABLE WIDTHS: 1200 mm ▪ 600 mm

AVAILABLE THICKNESS: 70 mm ▪ 100 mm



COLUMN WITH CORBEL

- > Can be casted with 4 sided corbels
- > More efficient than steel columns in corrosive areas
- > Maximum flexibility in design, shape and application
- > Render Clean and Finished look of the structural components
- > Feasible for multi floor heights
- > Faster and Simpler construction process

CORBEL ON ALL 4 SIDES

MAX CORBEL SIZE: 500mm x 250mm

MAX COLUMN SIZE: 1000mm x 900mm

PRECAST STAIRCASE



- > Eliminates on site scaffolding and shuttering expenses
- > Unobstructed, early, secure instant work platform during construction
- > Rapid and easy installation makes it time efficient
- > Highly precise dimensions
- > Minimum maintenance required
- > Superior quality with excellent surface finish

HOLLOW CORE COMPOUND WALL PANELS



- Self footing column with hollow core -

- > Provide longer and clear spans for maximum functional layouts
- > Uniform & Consistent, with excellent finish
- > Superior durability & stable footing base
- > Safer construction and management systems

AVAILABLE IN CUSTOMIZABLE DIMENSIONS

FOOTING DIMENSIONS(MAX): 1400 mm x 1000 mm x 400 mm

COLUMN DIMENSIONS(MAX): 356 mm x 300 mm x 3600 mm

PANEL DIMENSIONS(MAX): 6000 mm x 2400 mm x 120 mm

OTHER SPECS:

Centre to Centre Distance of Two Columns: 6180 mm

Groove in Column Face to place: 130 mm

SOLID CORE COMPOUND WALL PANELS



- Self footing column with solid core -

- > Provide longer and clear spans for maximum functional layouts
- > Uniform & Consistent, with excellent finish
- > Superior durability & stable footing base
- > Safer construction and management systems

AVAILABLE IN CUSTOMIZABLE DIMENSIONS & CUSTOM LOGO

FOOTING DIMENSIONS(MAX): 1400 mm x 1000 mm x 400 mm

COLUMN DIMENSIONS(MAX): 356 mm x 300 mm x 3600 mm

PANEL DIMENSIONS(MAX): 3800 mm x 2400 mm x 75 mm

OTHER SPECS:

Centre to Centre Distance of two Columns: 3980 mm

Groove in Column Face to place: 85 mm

TO SUMMARIZE



Precast construction saves resources, delivers better building in shorter time, while keeping the site clean & safe.



Urbanaac is Gujarat's largest precast solutions provider, having years of experience and a happy clientele.



Urbanaac has been well rewarded and recognized for its unique place in the market and for its sustainability impact.



Urbanaac's range of products can accomplish most types of jobs, for anything more demanding, there are custom options available.



Urbanaac can cater projects of any scale & type from inception to completion, and has an edge on all variables in the entire project life cycle.

**BUILD FOR THE FUTURE,
BUILD WITH URBANAAC.**

URBANAAC INFRASTRUCTURES PRIVATE LIMITED

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