

URBANAAC EXPERT PRECAST SOLUTIONS







elements across various project segments.

















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

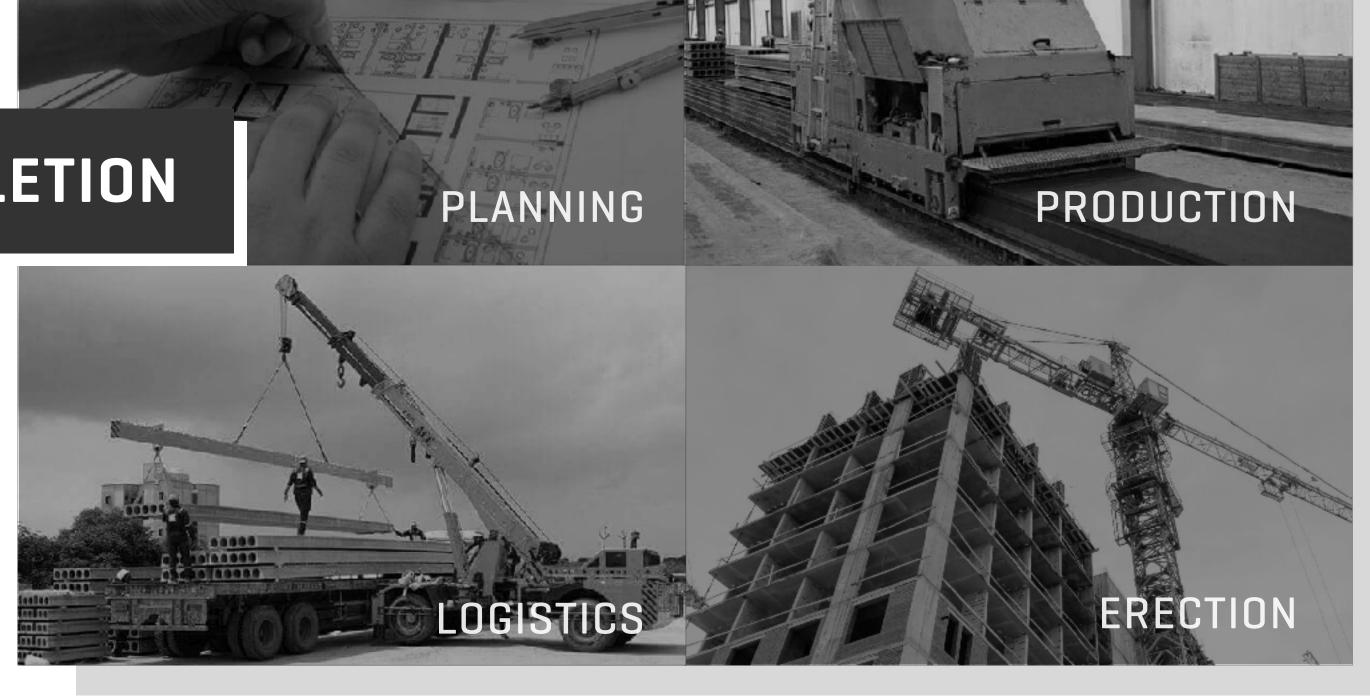
4.5 MILLION SQ. FT.
LINEAR PRECAST
ANNUAL PRODUCTION



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

LOAD BEARING WALLS

PRESTRESSED BEAMS

NON LOAD BEARING WALLS

COLUMNS WITH CORBELS

COMPOUND WALLS (Solid / Hollow Core)





OUR ESTEEMED CLIENTELE























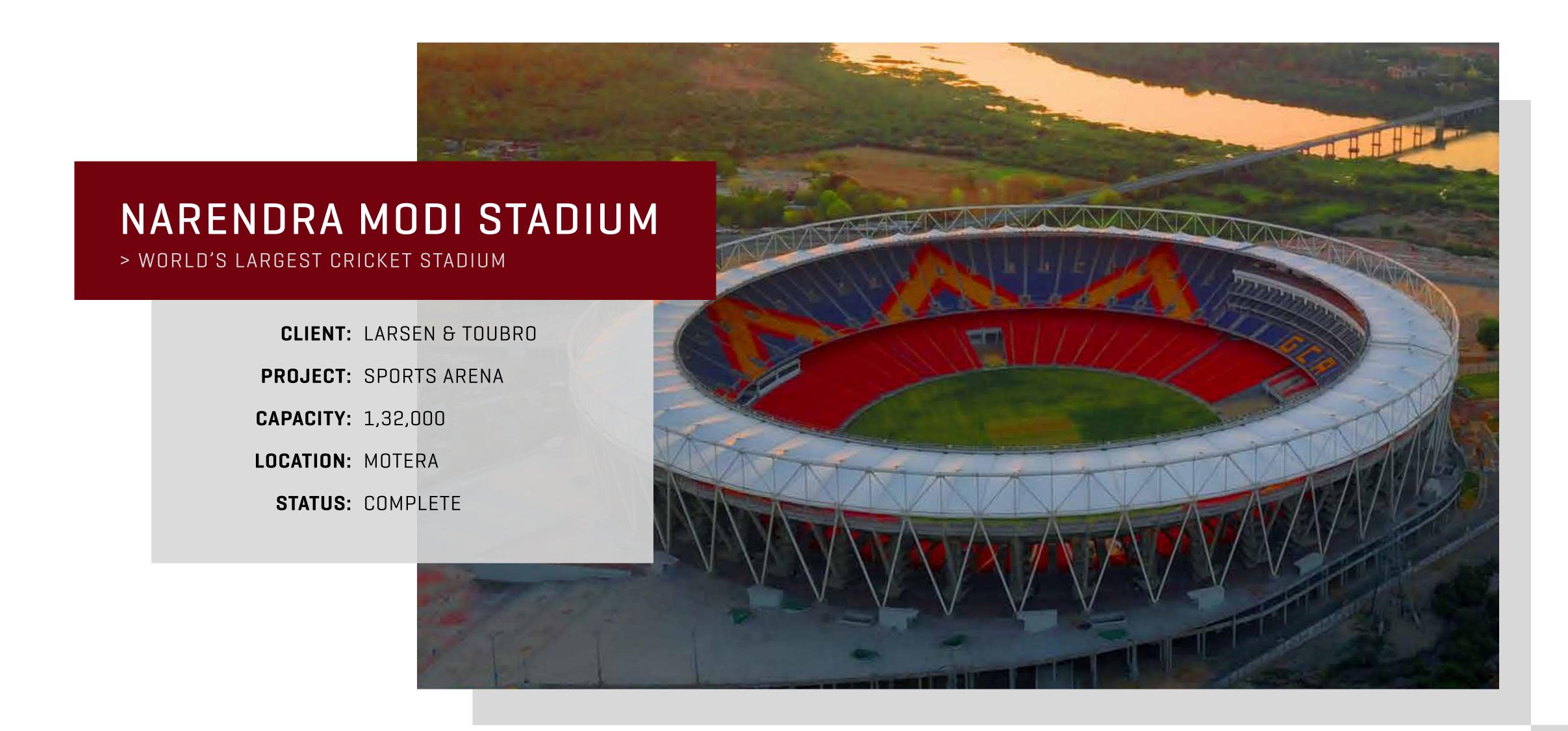




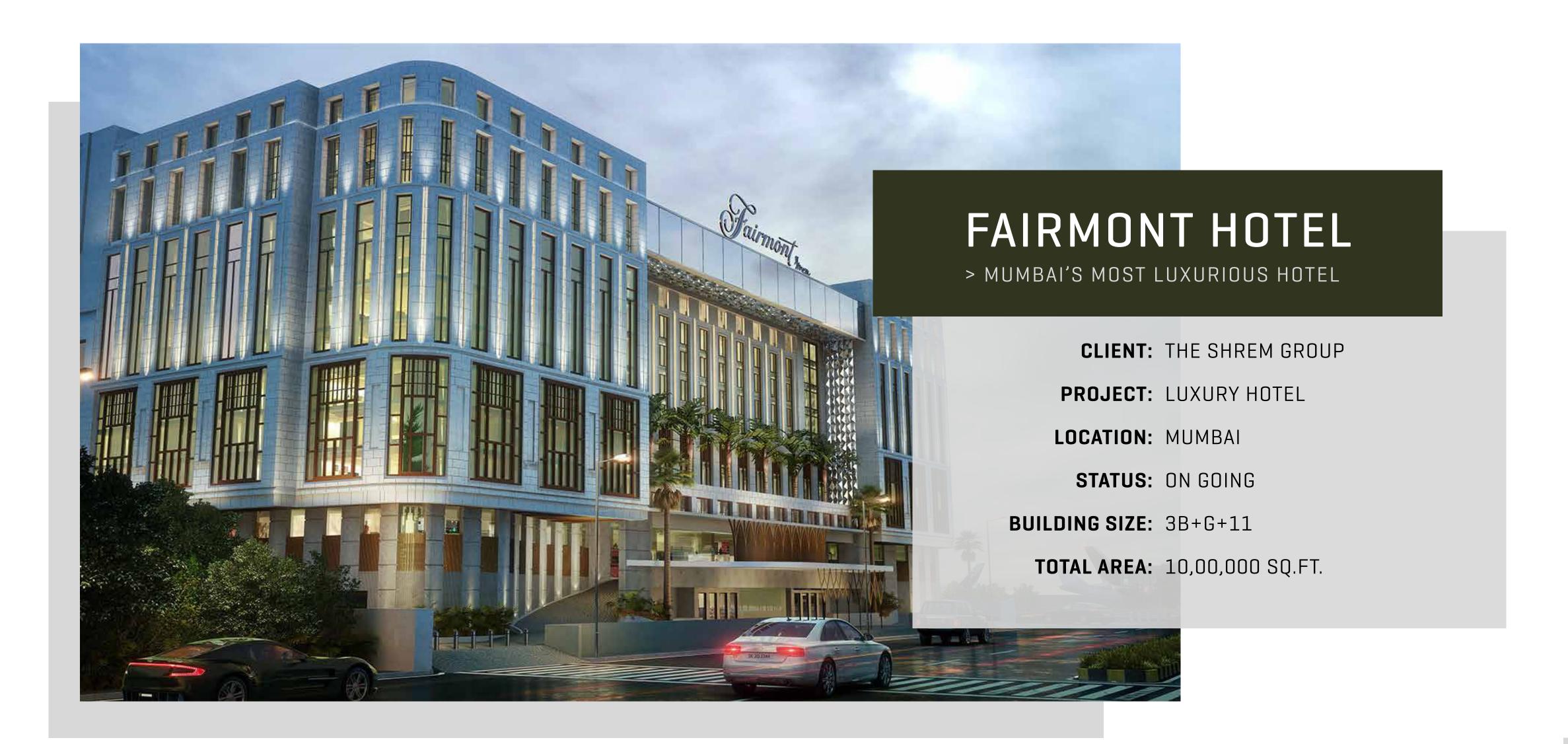














AHMEDABAD UNIVERSITY

> 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.















CLIENT: INDIVIDUALS

PROJECT: RESIDENTIAL VILLAS

LOCATION: AHMEDABAD

STATUS: COMPLETED









TIME

OFF-SITE PRODUCTION

ALL WEATHER CONSTRUCTION

HIGH SPEED EXECUTION

COST

FASTER ROI CYCLE
LOW ENERGY USAGE
LOW MAINTENANCE

THE URBANAC 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.

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

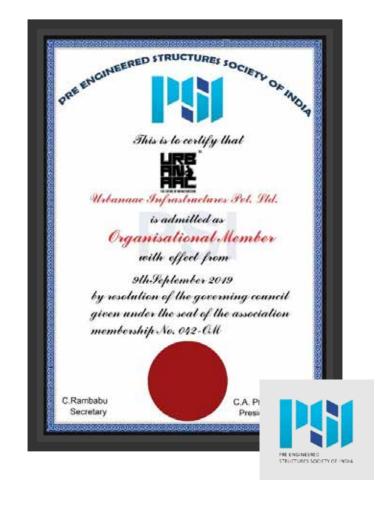
CLEAR SPANS, HEIGHTS, AREAS

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







- > 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





- Self footing column with hollow core -

HOLLOW CORE COMPOUND WALL PANELS

- > 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





- Self footing column with solid core -

SOLID CORE COMPOUND WALL PANELS

- > 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 URBANAC.

URBANAAC INFRASTRUCTURES PRIVATE LIMITED

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