

Jangid Trinity, Mumbai



The World's Tallest UHPC Structure

UHPC INDIA PVT. LTD.

India's First Commercial Manufacturer
of Ultra High Performance Concrete

UHPC

Ultra High Performance Composite

Ultra Green! Ultra **Strong**! Ultra Durable!

UHPC represents the next evolution in material science - combining exceptional mechanical and durability properties, thus enabling unmatched design flexibility to address modern engineering needs.

Why UHPC

Unmatched Strength

Compressive Strengths Exceeding 150 MPa, Slimmer Sections and Longer Spans Faster Strength Gain > 50 MPa in 24 Hrs, Ductility Like Steel.

Design Freedom

Column Size Reduction by Over 50%
Beam Weight Reduction by 50%-70%
Beam Depth Reduction By 25%-35%
Complex Shapes and Ease of Construction.

Lower Lifecycle Cost

Exceptional Durability and Sustainability
100-Year Maintenance Free Service Life
Ultra-Low Permeability and Corrosion Resistance Lower Carbon Footprint.

Sustainable. Stronger. Smarter.



Visionary Leadership

Dr. Satish Jain, Ph.D., PE, SE (USA)

Managing Director – UHPC India Pvt. Ltd.

With over 25 years of international structural engineering experience, Dr. Jain is India's pioneer in UHPC innovation and commercialization.

He leads UHPC India's R&D and application expansion across structural, marine, defense, and architectural sectors.

Specialty UHPC Dry Premix Products

Standard UHPC with Steel Fibres

For Building and Bridge Structural Components, Joints, Repair and Strengthening

Thixotropic UHPC with Steel Fibres

For Bridge Deck Overlay and Slab Overlays and Strengthening

White or Gray UHPC with Glass or PVA Fibres

For Architectural/Aesthetic Elements, Facades

Viscous UHPC Grouts - Regular and Anti-wash

For Marine and Wind - on and Offshore work

Free Flowing UHPC Grouts

For Precast Connections, Post-Tensioning Ducts

Sprayable and Pumpable UHPC

For Repair, Rehabilitation and Strengthening, Permanent Linings in Tunnels

Impact Resistant UHPC

For Security Solutions and Defense

UHPC Plaster

For Non-Structural Building Walls

Abrasion Resistance UHPC

For Dam Spillways, Port Roads, Industrial Slabs etc.









Building Solutions

UHPC Columns

UHPC Beams / Girders

Transfer Girders

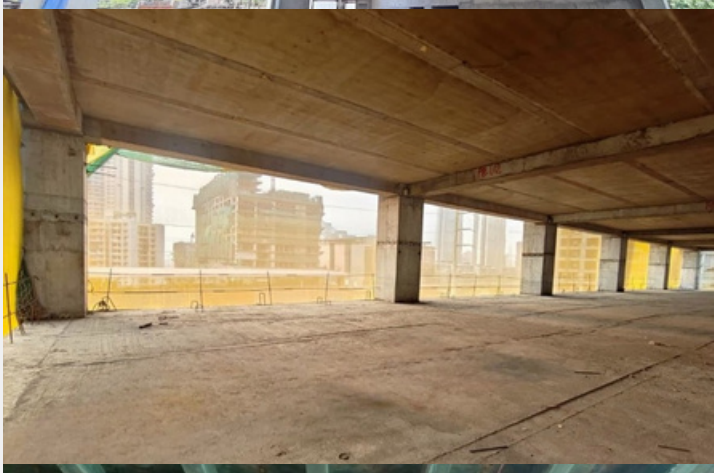
Coupling Beams

UHPC Slabs

Precast UHPC Systems

Repair & Strengthening











Application Across Sectors







General UHPC Properties

Compressive Strength	120 MPa to 250MPa
Direct Tensile Strength	> 8 to 11MPa with Strain Hardening up to 0.005
Creep Coefficient	≤ 1.0
Rapid Chloride Ion Penetration	< 250 Coulombs
Modulus of Elasticity	>50,000 MPa

About UHPC India

UHPC India® is a deep-tech company driven by advanced R&D and innovation in Ultra High Performance Concrete Composites.

With India's first indigenous commercial UHPC premix manufacturing facility.

UHPC India is pioneering the future of advanced concrete technology



Why UHPC India?

- Pioneer of UHPC Technology in India
- Strong in-house R&D capabilities
- Technical design expertise
- Proven performance across sectors

Architecture & Design Applications

UHPC Facades

Lightweight, Elegant, Ultra-Slim Façade Systems.

Interior Applications

Decorative Partitions, Sculptural Walls, Premium Surfaces.

UHPC Benches

Urban Seating for Public and Commercial Spaces.

UHPC Panels

Custom Cladding, Acoustic Panels, Decorative Modular Systems.

Design Advantages

Complex Geometric Freedom
Ultra-Thin Lightweight Forms
Smooth Premium Finishes
Long-Lasting Weather Resistance

Ideal Applications

Commercial Towers
Luxury Residences
Airports
Public Infrastructure
Hospitality Projects

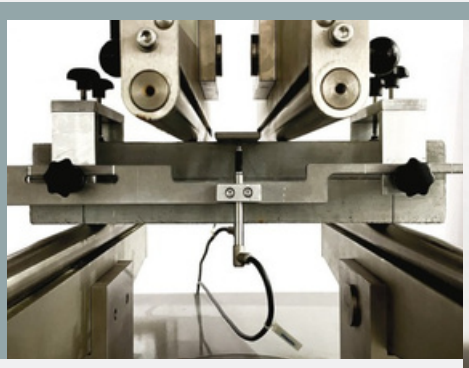


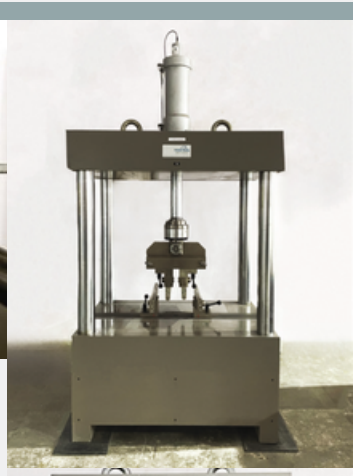














Our Promise

At UHPC India, we do more than supply materials.

We Deliver:

Innovation-Led Engineering
Customized UHPC Solutions
Long-Life Infrastructure Value
Future-Ready Construction Systems

Our Clients:

Godrej
Dedicated Freight Corridor
J.KUMAR
MERAKI HABITATS BUILT WITH PASSION
ISKCON
GCC
L&T Construction
TATA PROJECTS
AMBICO
JANGID GROUP
methodex
IRCON INTERNATIONAL LIMITED

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Redefining Structural Possibilities with UHPC