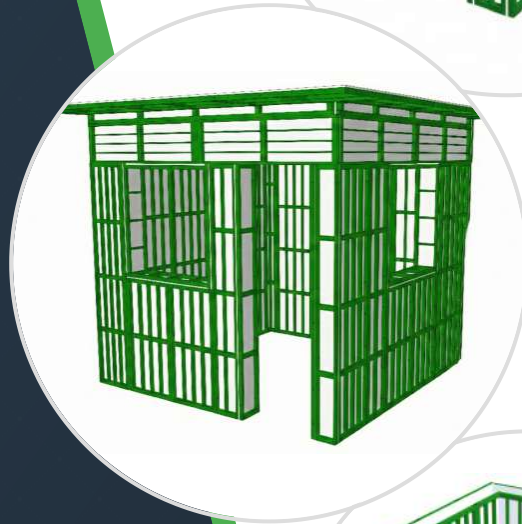




ENGINEERING THE **FUTURE** OF FORMWORK

SMART. **STRONG**. SUSTAINABLE.



100+

REUSE CYCLES



5 TONS

LOAD CAPACITY



100%

RECYCLABLE

COMPANY PROFILE

NexGen Formworks is India's pioneering manufacturer of high-strength, steel-reinforced polypropylene (PP) formwork.

NexGen Formworks is a Hyderabad startup transforming construction with steel-reinforced polypropylene panels. Our mission is sustainability, strength, and speed—delivering smarter alternatives to plywood and aluminum.

We provide precision-engineered, reusable systems that cut costs by 75%, reduce waste, and accelerate timelines—without compromising quality.



VISION

To engineer next-generation formwork systems that drive innovation, sustainability, and precision — empowering builders to construct faster, smarter, and greener.

MISSION

To lead the future of construction with exceptional formwork solutions that transform ideas into impactful realities — inspiring innovation, action, and excellence at every stage.

CORE ADVANTAGES



HIGH STRENGTH

Our unique steel-reinforced design provides exceptional structural integrity, capable of bearing loads up to **5 Tons/sqm** without deflection.



100+ REUSES

Designed for extreme longevity, NexGen panels deliver **100+ repetitions**, ensuring excellent ROI.



100% WATERPROOF

Impervious to rain and moisture. Unlike wood, our panels **never swell, rot, or delaminate**, ensuring consistent dimensions in all weather.



MIRROR FINISH

Produces a flawless, smooth concrete surface. This significantly reduces or **eliminates the need for plastering**, saving material and labor costs.

PERFORMANCE AUDIT

A direct financial and operational comparison between NexGen and traditional methodologies.

Features	NexGen PP	Plywood	Aluminum	Steel
Initial Cost	₹420-450/sqft	₹110-120/sqft	₹880-980/sqft	₹300-400/sqft
Cost per Usage	₹4/- 	₹15/-	₹10/-	₹6/-
Reuse Cycles	100+ times 	5-10 Times	100+ Times	50-70 Times
Weight/ Sq Mtr	18-22 Kgs 	18-22 Kgs	20-25 Kgs	55-85 Kgs
Load/ Sq Mtr	5 TONS 	4 TONS	6 TONS	4 TONS
Installation/Dismantling	20% Faster 	Moderate Speed	Fast (with training)	Slow (needs equipment)
Labor Required	Unskilled OK 	Skilled carpenter	Trained labor	Trained labor + equipment
Water Resistance	100% Waterproof 	Poor (absorbs water)	Excellent	Good (rust risk)
Surface Finish	Smooth & Consistent 	Smooth	Smooth	Rough (needs plastering)
Maintenance	Minimal 	High	Low	Medium
Scrap Value	25-30% 	0%	25-30%	10-15%
Total Cost (ROI)	LOW - Best ROI 	HIGH (frequent replacement)	MEDIUM (theft risk)	HIGH (heavy transport)



BEST ROI

Over 100 construction cycles, NexGen PP Formwork costs just **₹3/sqft per use** vs. ₹15/sqft for plywood. Save up to **75%** on total formwork lifecycle costs.

OUR BUILDING SYSTEMS

Focused on residential, commercial, and high-rise construction.



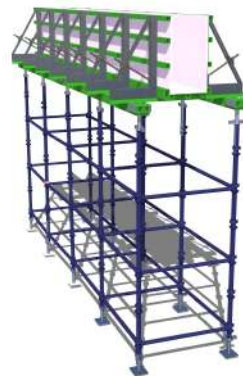
MODULAR WALL FORMWORK



UNIVERSAL ADJUSTABLE COLUMN SYSTEM



QUICK-LOCK SLAB DECKING



FLEXI-BEAM FORMWORK



SHEAR WALL & LIFT CORE SYSTEM



MONOLITHIC MASS HOUSING SYSTEM

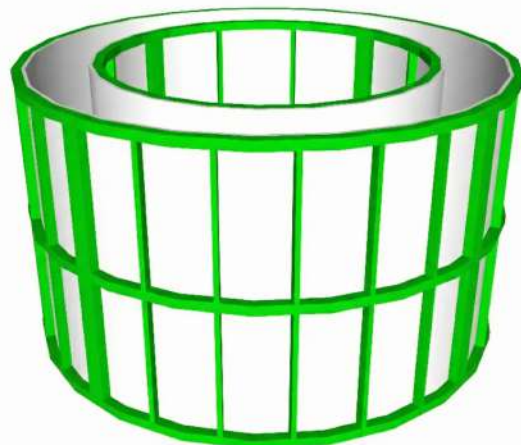
Custom Solutions: We also design and manufacture bespoke formwork for unique project requirements. Contact our engineering team to learn more.

INFRASTRUCTURE

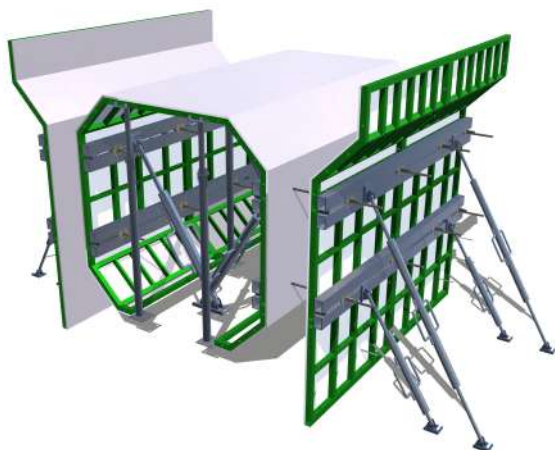
Heavy-duty applications for civil engineering projects including roads, bridges, and water management.



HEAVY DUTY RETAINING WALLS



CIRCULAR TANK FORMWORK



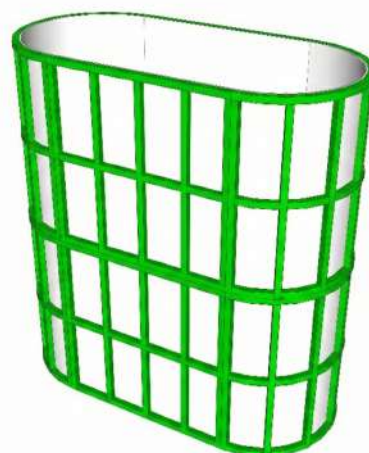
BOX CULVERT FORMWORK



U-DRAIN & STORMWATER



HIGHWAY CRASH BARRIERS



BRIDGE PIER FORMWORK

REAL-TIME PROJECT IMAGES

Delivering Smart Formwork Solutions Across Residential, Commercial & Infrastructure Projects.



CIRCULAR COLUMN



SQUARE COLUMN



ADJUSTABLE COLUMN



QUICK SLAB



BOUNDARY WALL



RETAINING WALL

REAL-TIME PROJECT IMAGES

Delivering Smart Formwork Solutions Across Residential, Commercial & Infrastructure Projects.



PLINTH



STEP FOOTINGS



SINGLE FOOTING



CLIMBING FORMWORK



SURFACE FINISHING



FINISHING-2

OUR CLIENTS



TIERRA REALTY

TIERRA REALTY



CASAGRAN - BUILDING ASPIRATIONS

SIGNATURE
AVENUES

SIGNATURE AVENUES

SKR CONSTRUCTIONS
INDIA PRIVATE LIMITED

SKR CONSTRUCTIONS INDIA PRIVATE LIMITED

MASTERY
CONSTRUCTION LLP

MASTERY CONSTRUCTION LLP

RUDRA
CONSTRUCTION

RUDRA CONSTRUCTION

SRI SRINIVASA
CONSTRUCTIONS

SRI SRINIVASA CONSTRUCTIONS

SPECIFICATIONS

Comprehensive technical data for NexGen Steel-Reinforced PP Formwork Systems.

PERFORMANCE SPECIFICATIONS

Specification	Value / Description
System Type	Modular Steel-Reinforced Polypropylene (PP)
Weight	18 - 22 Kg / Sq. Meter
Load Bearing Capacity	5 TONS / Sq. Meter (High Strength)
Reuse Potential	100+ Repetitions
Water Absorption	0% (100% Waterproof / Non-porous)
Surface Finish	Mirror Smooth (Reduces Plastering Costs)
Scrap Value	25 - 30% of Initial Value
Chemical Resistance	Resistant to acids, alkalis, and oils

MATERIAL COMPOSITION

Core Material	Polypropylene (PP)
Reinforcement	High Strength Steel
Sustainability	100% Recyclable
Durability	Weather & Impact Resistant

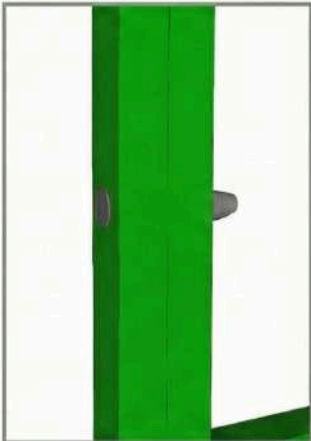
INSTALLATION DATA

Locking Mechanism	Pin & Wedge System
Tools Required	Hammer Only
Release Agent	Not Required
Assembly Speed	20% Faster vs Traditional

TECHNICAL DRAWING OF PIN & WEDGE LOCKING SYSTEM



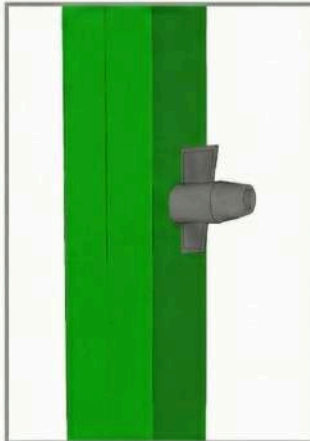
STEP 1: INSERTION



STEP 2: ENGAGEMENT



STEP 3: COMPRESSION



STEP 4: LOCKED STATE

SCAFFOLDING SOLUTIONS

NexGen Formworks delivers India's most reliable scaffolding systems, engineered for maximum safety and operational efficiency. Our modular steel solutions ensure stability you can trust.



CUPLOCK SYSTEM



ADJUSTABLE PROPS



H-FRAME SCAFFOLDING



STEEL WALKWAY & JALI



ADJUSTABLE JACKS



BOX TYPE MINI SPAN

Product	Key Specifications
Cuplock System	Material: High-Grade Steel (48.3mm OD) Verticals: 1.0m to 3.0m Finish: Painted / Galvanized
Adjustable Props	Height Range: 2.1m – 4.8m Load Capacity: Up to 34 kN Material: Heavy Duty Mild Steel
H-Frame Scaffolding	Frame Size: 2.0m (H) x 1.0m (W) Connection: Locking Pins & Cross Braces Usage: Exterior Façade
Steel Walkway & Jali	Width: 300mm – 1200mm Load Capacity: Up to 250 kg/m² Surface: Anti-slip Punched
Adjustable Jacks	Stem Diameter: 32mm / 36mm / 38mm Adj. Length: 450mm / 600mm Type: Solid or Hollow Stem
Box Type Mini Span	Material: MS Square Pipe Sizes: 2 x 2m, 2 x 2.5m Specifications: 65 x 65mm , 72 x 72mm Finish: Painted

GET IN TOUCH

Let's build something great together. Contact us for quotes, technical support, or a site demo.



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MANUFACTURING UNIT

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(V & M), Suryapet (Dist),
Telangana – 508214



WEBSITE

www.nexgenformworks.com



SCAN TO VISIT WEBSITE



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FORMWORKS