

LEAKPROOF PIPES  
INFINITE PEACE OF MIND



**birlanu**  
LEAKPROOF PIPES

BUILD YOUR  
**WORLD**

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# WHO WE ARE

BirlaNu (formerly HIL Limited), part of the multibillion-dollar CKA Birla Group, is a home and building products and services company.

We serve homeowners, builders, and designers with sustainable, innovative solutions across pipes, construction chemicals, putty, roofs, walls, and floors, featuring brands like BirlaNu Leakproof Pipes, BirlaNu Construction Chemicals, BirlaNu TruColour Putty, Charminar, BirlaNu Aerocon, and Parador.

With 32 manufacturing plants in India, Germany, and Austria, innovation centers in India and Germany, and a market presence in 80+ countries, we adhere to the highest global quality standards, holding certifications such as GreenPro, IGBC, PEFC, Blue Angel, and EPD. Our products are integral to commercial, healthcare, hospitality, residential, and infrastructure projects worldwide.

Powered by over 5,000 employees and a strong partner ecosystem, BirlaNu is ranked 12th in India's Best Companies to Work For by Great Place to Work® and has been recognised with accolades such as Iconic Brand, Asia's Most Trusted Brand, and Super Brand awards.

# BRAND STORY

Since 1946, we've been on a journey of continuous evolution and today, we are proud to announce a new chapter in our legacy: HIL is now BirlaNu.

BirlaNu is inspired by the people we serve and driven by a passion for continuous growth. Rooted in connection, creativity and sustainability, we empower homeowners, builders and designers to bring a vision to life, crafting innovative buildings and structures that stand the test of time.

As the world evolves, we remain committed to shaping spaces where life unfolds and inspiring beautiful, lasting design with our customers at the heart of everything we do.

BirlaNu isn't just a name, It is a reflection of our purpose and promise to be the partner you trust in building the future.



# PERFECT PARTNERSHIP

## Service

From vision to execution,  
partnering with you at every stage.

## Sustainability

Ethically sourced, waste-conscious,  
and green-powered.

## Product Excellence

Uncompromising quality and  
reliability in every product.

## Global Presence

Present in 80 countries, with 32 plants across  
India, Germany and Austria.

## Extensive Portfolio

Complete solutions across pipes,  
construction chemicals, putty, roofs, walls and  
floors.

## Innovative Solutions

Where technology meets brilliance,  
creating the future.

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## LEAKPROOF PIPES

At BirlaNu, we provide advanced water management solutions through two trusted brands: **BirlaNu Leakproof Pipes** and **Topline**. With a diverse range of over 20+ products, our offerings include CPVC, uPVC, SWR, Rainwater, Silent, Underground Drainage, Foamcore, Reclaimed water, Pressure, Column, Casing, PPR, HDPE, MDPE, Gas, PVC-O Pipes, Electrofusion Fittings, FHTC Fittings, Water Tanks and Accessories, including Solvent Cements.

**TRUFIT** Our innovation, **TruFIT Technology** is at the heart of our **TECHNOLOGY** offerings. Engineered for precision, this cutting-edge innovation reduces the gap between pipes and fittings —**delivering perfect alignment for leakproof joints**. BirlaNu Leakproof Pipes is proud to be **India's first and only brand to offer this innovative technology**.

### BRAND PROMISE:

Infinite peace of mind with leakproof water management solutions.

### BRAND ADVANTAGE:

Comprehensive Range  
Leakproof Assurance  
Innovative & Sustainable Solutions





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**TOPLINE**  
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**BirlaNu Leakproof Pipes** offers a versatile range for residential and industrial applications. Our innovative **TruFIT Technology** ensures precise tolerances for leakproof assembly, enhancing efficiency and ease of installation.

With cutting edge European technology, we deliver products with dimensional accuracy, uniform quality and superior performance. As pioneers in in-house CPVC compounding (under patent), we ensure full control over formulation for durability.

Certified by ISO 45001, ISO 14001, ISO 9001, GreenPro Ecolabel and GRIHA, we prioritize sustainability and safety. Our adoption of **Organic Based Stabilizers (OBS)** for uPVC Pipes and Fittings sets a new benchmark, replacing traditional heavy metal stabilizers.

**Topline by BirlaNu Leakproof Pipes** offers high-quality solutions yet affordable for a wide range of applications. As a trusted brand under the BirlaNu Leakproof Pipes portfolio, Topline combines durability, reliability of performance and cost-efficiency.

# APPLICATIONS

## PLUMBING & SANITATION

BirlaNu offers a wide range of durable plumbing and sanitation solutions, including CPVC, uPVC, PPR, SWR, Silent, and Foamcore Pipes and Fittings and Water Tanks, designed to meet diverse residential and commercial water management needs.

## AGRICULTURE

BirlaNu's Agricultural Solutions are designed to meet the evolving needs of the farming and irrigation sectors, offering durable and efficient products for water transportation and irrigation. This segment includes Pressure & HDPE Pipes Fittings for high-pressure applications, along with Column Pipes and Casing Pipes that ensure smooth water flow in borewells, supporting productive and sustainable farming practices.

## INDUSTRIAL & INFRASTRUCTURE

BirlaNu's Industrial & Infrastructure solutions are designed to withstand high-pressure conditions, making them ideal for transporting water, chemicals, and gases. The range includes PPR, MDPE, Gas, HDPE Pipes and Fittings and Electrofusion Fittings for secure, leakproof connections and PP Compression Fittings for Functional Household Tap Connections (FHTC).





# OUR RANGE

OUR RANGE



OUR RANGE

CPVC | uPVC | PPR | SWR | Rainwater | Silent | Underground Drainage | Foamcore | Reclaimed Water | Water Tanks  
Pressure | Column | Casing | HDPE | MDPE | Gas | Electrofusion Fittings | FHTC Fittings | PVC-O | Accessories



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## CPVC PIPES & FITTINGS

LEAKPROOF PIPES

### For hot and cold potable water applications

Made from high-grade chlorinated polyvinyl chloride resin, BirlaNu CPVC Pipes and Fittings offer excellent resistance to heat, corrosion, and chemical damage, making them ideal for both residential and commercial applications.

### FEATURES:

TruFIT Technology for leakproof joints

In-house CPVC compound (under patent) for unmatched performance

Withstands a temperature up to 95°C

Withstands up to 28.14 kgf/cm<sup>2</sup> at 27°C and 7.04 kgf/cm<sup>2</sup> at 82°C

Uniquely designed brass fittings, made using robotics, offer high torque-bearing capability (½" inserts can withstand loads up to 150 N·m)

EPDM 'O' Rings exceeds the thermo-cycling test requirement under ASTM D2846

### APPLICATIONS:

Hot and cold potable water management

Industrial water management

Solar water heaters

### RANGE:

Pipes:

15 mm (½") to 50 mm (2"): Class 1 (SDR 11) & Class 2 (SDR 13.5) – As per IS 15778:2007

65 mm (2½") to 150 mm (6"): SCH 40 & 80 – As per ASTM F441

Fittings:

15 mm (½") to 50 mm (2"): SDR 11 – As per ASTM D2846

65 mm (2½") to 150 mm (6"): SCH 80 – As per ASTM F429

Solvent Cement (Medium-duty, Heavy-duty): 15 ml to 946 ml

Purple Primer: 473 ml, 946 ml

**BRANDS:** BirlaNu Leakproof Pipes, Topline

**CERTIFICATIONS:** ISI, GRIHA, GREENPRO, CFTRI, ROHS, CIPET

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

# **birlanu** | **uPVC PIPES & FITTINGS**

**LEAKPROOF PIPES**

## **For cold potable water applications**

Made from unplasticized polyvinyl chloride compound, BirlaNu uPVC Pipes and Fittings are eco-friendly, non-toxic and non-corrosive and ideal for cold water plumbing applications, offering durability and efficiency. We are proud to be the first in the country to adopt an Organic Based Stabilizer in our uPVC Pipes and Fittings, further enhancing their environmental safety and sustainability.

## **KEY FEATURES:**

- TruFIT Technology for leakproof joints
- Made using Organic Based Stabilizer developed in our in-house R&D centre, the range is eco-friendly and heavy metal free
- Extra socket length in higher diameters ensures better grip and secure jointing
- Resistant to corrosion, abrasion and fire
- UV stabilized
- Low thermal conductivity
- No scaling, pitting and algae formation

## **APPLICATIONS:**

- Cold water plumbing
- Industrial processing lines
- Corrosive fluid transportation
- Swimming pools

## **RANGE:**

- Pipes: 15 mm (½") to 150 mm (6"): SCH 40 & SCH 80 – As per ASTM D1785
- Fittings: 15 mm (½") to 150 mm (6"): SCH 80 – As per ASTM D2467
- Solvent Cement (Medium-duty, Heavy-duty): 15 ml to 946 ml
- Purple Primer: 473 ml, 946 ml

**BRANDS:** BirlaNu Leakproof Pipes, Topline

**CERTIFICATIONS:** GRIHA, CFTRI, ROHS

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*





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## PPR PIPES & FITTINGS

LEAKPROOF PIPES

### For high-performance hot and cold-water supply systems

PPR (Polypropylene Random Copolymer) Pipes and Fittings ensure reliable performance in hot and cold water systems withstanding -20°C to 95°C and pressures up to PN 20. Leakproof poly-fusion welded joints offer secure connections. Eco-friendly, non-toxic, and UV-resistant, they are safe for potable water and ideal for plumbing, HVAC, industrial, and agricultural use.

#### KEY FEATURES:

- Poly-fusion welded leakproof joints
- Available in mono-layer, triple-layer and triple-layer glass filled
- High impact, thermal, corrosion & chemical resistance
- Non-toxic and safe
- UV resistant

#### APPLICATIONS:

- Plumbing
- HVAC & refrigeration
- Solar water heaters
- Radiant heating systems
- Industrial fluids & air transportation

#### RANGE:

Pipes: 16 mm (½") to 110 mm (4"): PN 10, PN 16, PN 20 –  
As per IS 15801:2008  
Fittings: 16 mm (½") to 110 mm (4") PN 25 – As per DIN 8077

**BRANDS:** BirlaNu Leakproof Pipes, Topline

**CERTIFICATIONS:** WRAS, ISI, CIPET

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## SWR PIPES & FITTINGS

### For drainage and waste water management

BirlaNu SWR Pipes and Fittings offer a comprehensive range for soil, waste, and rainwater applications, designed for commercial, industrial, and residential applications. Available in sol-fit and push-fit options, these systems provide efficient drainage and sanitation solutions. Categorized into Type A and B; Type A for use in ventilation pipe work and rainwater and rainwater harvesting applications and Type B for use in soil and waste discharge systems.

### KEY FEATURES:

- TruFIT Technology for leakproof joints
- Collapsible core mould technology in pushfit fittings ensures perfect fitment
- Pipes and fittings with co-moulded seal (yellow ring) ensures low insertion force and proper fit
- Resistant to chlorine, chloramines, alkali, acids, alcohols, etc.
- Swept angle for smooth flow rate
- Optimal water seal maintained in traps (nahani, P, Q, S, multi-floor, etc.) to avoid foul smell
- Pre-chamfered pushfit fittings which eliminates damage to rubber seal during installation
- Smooth inner surface and high flow rate

### APPLICATIONS:

- Drain and sewer systems
- Rainwater drainage
- Multi-storey drainage
- Industrial waste disposal

### RANGE:

- Pipes: 40 mm (1½") to 160 mm (6"): Type A & B – As per IS 13592:2013
- Fittings: 75 mm (2½") to 160 mm (6") – As per IS 14735:1999

**BRANDS:** BirlaNu Leakproof Pipes, Topline

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*





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## RAINWATER PIPES & FITTINGS

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### For rainwater management

BirlaNu Rainwater Pipes are designed to meet the urgent need for sustainable water management in today's context of growing water scarcity. Engineered with precision, these half-cut rooftop drainage pipes and fittings efficiently collect rainwater from roof edges—where water naturally accumulates—and channel it seamlessly for storage or discharge. Ideal for both residential and commercial buildings, BirlaNu Rainwater Pipes help prevent waterlogging and structural damage by channelling rainwater safely away.

### KEY FEATURES:

- Precision design for efficient water flow
- UV stabilized
- Corrosion resistant
- Light weight and easy to install

### APPLICATIONS:

- Stormwater drainage
- Roof rainwater harvesting systems

### RANGE:

- Pipes: 140 mm (5") & 180 mm (7")
- Fittings: 140 mm (5") & 180 mm (7")

**BRAND:** BirlaNu Leakproof Pipes

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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**SILENT  
PIPES &  
FITTINGS**

**For low noise drainage applications**

Noise from plumbing can disturb home comfort, especially in high-rises. While external noise is addressed, internal noise from drainage systems is often overlooked. BirlaNu Silent Pipes solve this with a three-layer design—uPVC outer and inner layers for strength and a mineralized middle layer for noise insulation—ensuring smooth, silent operation with lasting performance and peace.

**KEY FEATURES:**

TruFiT Technology for leakproof joints

India's first silent piping system certified under the revised DIN EN 14366-1 standard by the Fraunhofer Institute of Building Physics, Germany

Noise reduction as per DIN EN 14366-1 is <13.8 dB and as per VDI is 10 dB at a steady 2 LPS flow rate

Comes with an adjustable wall plate, guidance and socket clamps for flexible pipe-to-wall distance and acoustic insulation from vibrations

Smooth inner surface, swept angle for smooth flow rate

UV stabilized

Resistant to chlorine, chloramines, alkali, acids, alcohols, etc.

**APPLICATIONS:**

Drain and sewer systems in premier residences (especially high-rises), hotels, hospitals, commercial complexes, hospitals, academic institutes, etc.

**RANGE:**

Pipes: 50 mm (1½") to 160 mm (6") – As per DIN EN 14366-1

Fittings: 75 mm (2½"), 160 mm (6")

**BRAND:** BirlaNu Leakproof Pipes

**CERTIFICATIONS:** Fraunhofer

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*





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## LEAKPROOF PIPES

## UNDERGROUND DRAINAGE PIPES & FITTINGS

### For underground drainage

BirlaNu Underground Drainage Pipes & Fittings are designed for durability, withstanding heavy soil pressure while ensuring high flow capacity. Their flexibility allows easy installation in various ground conditions, making them ideal for underground drainage. Built for long-lasting performance, they provide reliable, efficient service and a low-maintenance solution for managing wastewater and drainage needs. BirlaNu offers a range of stiffness classes—SN2, SN4, and SN8—based on load-bearing requirements.

### KEY FEATURES:

- TruFiT Technology for leakproof joints
- Sufficient durability to meet soil overload requirements
- Resistant to chlorine, chloramines, alkali, acids, alcohols, etc.
- Smooth inner surface and high flow rate
- Resistant to corrosion
- High stiffness classes (SN2, SN4 & SN8)
- Excellent ring stiffness
- High impact and soil load resistance.

### APPLICATIONS:

- Sewerage and wastewater management
- Stormwater drainage
- Industrial waste disposal

### RANGE:

Pipes: 63 mm (2") to 315 mm (12"): SN 2, SN 4, SN 8 – As per to IS 15328:2003  
Fittings: 110 mm (4") to 200 mm (8")

**BRANDS:** BirlaNu Leakproof Pipes, Topline

**CERTIFICATIONS:** ISI, CIPET

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*



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## FOAMCORE PIPES

LEAKPROOF PIPES

### Strong and light weight underground drainage system

BirlaNu Foamcore Pipes are multi-layered with solid PVC inner and outer layers and a foamed PVC middle layer for enhanced strength. Made from closed cell, cross-linked rigid PVC foam, they offer high impact strength and fatigue resistance. Durable and reliable, they provide an efficient solution for various applications. BirlaNu is among the few companies in India manufacturing Foamcore pipes, reinforcing its advanced capabilities and commitment to innovation using state-of-the-art European machinery.

#### KEY FEATURES:

- TruFiT Technology for leakproof joints
- Excellent load bearing capacity
- Superior fatigue resistance due to cross-linked rigid PVC foam
- High impact and soil resistance
- Light weight and easy to install
- Resistant to corrosion, chlorine, chloramines, alkali, acids, alcohols, etc.

#### APPLICATIONS:

- Sewerage and wastewater management
- Stormwater drainage
- Industrial waste disposal

#### RANGE:

Pipes: 110 mm (4") to 315 mm (12"): SN 2, SN 4, SN 8 – As per IS 16098:2013 Part 1

**BRAND:** BirlaNu Leakproof Pipes

**CERTIFICATIONS:** ISI, CIPET

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*



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## RECLAIMED WATER PIPES

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### For safe transport of reclaimed and non-potable water

BirlaNu Reclaimed Water Pipes, made from uPVC compound are used for safe and efficient transport of treated wastewater for non-potable applications such as landscaping, irrigation, industrial processes, and toilet flushing. These pipes are typically color-coded (often purple) to distinguish them from potable water systems and prevent cross-contamination. By enabling the reuse of treated water, reclaimed water piping systems support sustainable water management and help reduce the demand on freshwater resources.

#### KEY FEATURES:

- TruFiT Technology for leakproof joints
- Lead-free, eco-friendly material
- Self-extinguishing
- Fast and easy installation

#### APPLICATIONS:

- Drainage systems
- Irrigation water supply
- Recycled water transportation

#### RANGE:

Pipes: 15 mm (½") to 50 mm (2"): SCH 40 & 80 – As per ASTM D-1785

**BRAND:** BirlaNu Leakproof Pipes

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## WATER TANKS

LEAKPROOF PIPES

### Comprehensive range of water storage solutions

Discover superior quality and reliability with BirlaNu Water Tanks. Crafted with precision and designed to meet water storage needs, our tanks are a robust solution that ensures clean and safe water storage. Built for durability and sustainability, these tanks are easy to install and resistant to corrosion and UV radiation.

The range is available in both Blow-moulded and Roto-moulded technologies, various colours and storage capacities. Engineered with innovation, our Insulated Water Tanks feature a patented cooling lid that keeps water cooler by up to 20°C. We also offer multi-layered tanks that provide 10% extra storage along with UV protection, making them a smart and efficient choice for modern homes.

#### KEY FEATURES:

- UV resistant
- Food grade material
- High strength and flexible
- Anti-microbial (anti-viral, anti-algae, anti-bacterial, anti-fungus)
- Corrosion free
- Virgin material that ensures highest quality standards

#### APPLICATIONS:

Potable water storage in residential, commercial, and industrial settings.

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*



Type	Layer	Colour	Capacity (L)
<b>BirlaNu Water Tanks</b>			
Premium Insulated Water Tank (Blow Moulded)	-	White	750, 1000
Elementary Water Tanks (Roto Moulded)	3 Layer	White, Green, Yellow	500, 750, 1000, 1500, 2000
	4 Layer	White, Green, Yellow	500, 750, 1000, 1500, 2000
<b>Topline Water Tanks</b>			
9 Star Insulated Water Tank (Blow Moulded)	-	Ultra White	750, 1000
Elementary Water Tanks (Blow Moulded)	3 Layer	White, Blue	300, 500, 750, 1000, 2000
	4 Layer	Pearl White, Pearl Blue	500, 750, 1000, 2000
	5 Layer	Pearl Gold	500, 750, 1000, 2000
Elementary Water Tanks (Roto Moulded)	3 Layer HD	White, Sky Blue, Parrot Green	500, 750, 1000
	4 Layer	White, Mist Green, Sky Blue, Aqua Blue, Golden Yellow	500, 750, 1000
	4 Layer Foam	White, Pink, Mist Green, Aqua Blue, Golden Yellow	500, 750, 1000
	5 Layer Foam	White, Yellow, Pink, Mist Green	500, 750, 1000
	6 Layer Double Foam	Pink, White	500, 750, 1000
	7 Layer Triple Foam	Marble White	1000
ISI Water Tanks	-	Black	500 to 10000

Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.

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## LEAKPROOF PIPES

## PRESSURE/AGRI PIPES & FITTINGS

### For agriculture and water supply system

BirlaNu Pressure Pipes and Fittings offer a wide range of pipes and fittings across different sizes and pressure classes. These systems are ideal for potable water supplies and irrigation applications.

#### KEY FEATURES:

- TruFit Technology for leakproof joints
- Corrosion, chemical and abrasion resistance
- High strength & durable
- UV stabilized
- Lead free & non-toxic
- Smooth inner surface & high flow-rate
- Light weight & easy to install

#### APPLICATIONS:

- Agriculture farms
- Potable water supplies & irrigation systems
- Residential & industrial applications

#### RANGE:

Pipes: 20 mm (½") to 315 mm (12") Class 1, 2, 3, 4, 5 (2.5, 4, 6, 8, 10 kgf/cm<sup>2</sup>) – As per IS 4985:2021  
 Fittings: 20 mm (½") to 315 mm (12"): Class 2, 3, 5 (4, 6, 10 kgf/cm<sup>2</sup>) – As per IS 7834:1987  
 Solvent Cement: 100 – 1000 ml – As per IS 14182:1994

**BRANDS:** BirlaNu Leakproof Pipes, Topline

**CERTIFICATIONS:** ISI, CIPET



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## COLUMN PIPES

LEAKPROOF PIPES

### For submersible pumps

BirlaNu Column Pipes with innovative stainless steel double wire technology ensure safety of pumps and deliver reliable, trouble-free performance for years. BirlaNu Column Pipes are lightweight, corrosion-resistant, and have high tensile strength, making them ideal for deep well applications. They offer excellent durability and leak-proof joints, ensuring long-term performance in water-lifting systems.

#### KEY FEATURES:

- TruFiT Technology for leakproof joints
- SS double wire technology guarantees safety of pump
- Square threads for positive locking
- High elasticity gasket for vibration resistance
- High pull-out capacity, high impact & tensile strength
- Resistant to corrosion, chemicals and scaling, pitting and algae formation
- Lead free & non-toxic

#### APPLICATIONS:

- Submersible pumps in borewells
- Hand pumps

#### RANGE:

Pipes: 1" to 4": V4-12.5, Medium, Standard, Heavy

**BRANDS:** BirlaNu Leakproof Pipes, Topline

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## CASING PIPES

LEAKPROOF PIPES

### For borewell Applications

BirlaNu Casing Pipes are manufactured using a specially formulated PVC compound that offers enhanced toughness and durability. Designed for bore well applications, the range includes plain, ribbed and screen (slotted) casing pipes with threaded ends that enable easy and secure joining without the need for cement or adhesives. Sealing rings made of elastomeric material such as EPDM, and of appropriate diameter ensuring secure fit are used to seal the joint.

#### KEY FEATURES:

- Specially designed threads and EPDM O rings to ensure proper fit
- Excellent strength & stiffness
- Non-conductive & light weight
- Corrosion free
- CNC-automated horizontal slotting for ready-to-use application

#### APPLICATIONS:

- Shallow, medium & deep borewells
- Domestic and industrial borewells

#### RANGE:

Pipes: 40 mm (1½") to 200 mm (8"): CS (Shallow Well), CM (Medium Well), CD (Deep Well), Ribbed Medium Well Screen – As per IS 12818:2010

**BRANDS:** BirlaNu Leakproof Pipes, Topline

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*



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## HDPE PIPES & FITTINGS

LEAKPROOF PIPES

### Durable solution for efficient water supplies

Topline HDPE Pipes with Spigot Butt Fusion Fittings provide a safe, durable, and cost-effective solution for water distribution. Made from high-density polyethylene in advanced facilities, the pipes meet the demands of modern infrastructure. Ideal for high-pressure applications, they are available in PE 63, PE 80, and PE 100 material grades with pressure ratings from PN 2.5 to PN 20, ensuring reliable performance and long-term efficiency.

### KEY FEATURES:

- Resistant to leakage due to fusion bonding
- Long life with minimal maintenance intervention
- Resistant to cracking & high flexibility
- Resistance to chemical & corrosion
- Excellent water hammer resistance
- Ideal in shifting soil conditions and earthquake prone area

### APPLICATIONS:

- Potable water supply
- Irrigation systems
- Sewage systems
- Borewell systems
- Industrial fluids

### RANGE:

Pipes: 16 mm (½") to 500 mm (20"): PE 63, PE 80, PE 100 with PN 2.5 to PN 20: – As per IS 4984:2016, IS 14333:2022 and ISO 4427  
 Butt Fusion Fittings: 40 mm (1¼") to 200 mm (8"): PE 100 with PN 6, PN 10  
 – As per IS 8008:2022, WRAS, BS EN 1555, BS EN 12201, ISO 4427, ISO 4437

**BRAND:** Topline

**CERTIFICATIONS:** ISI, CIPET, WRAS

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## MDPE PIPES

LEAKPROOF PIPES

**For seamless water distribution in medium pressure applications**

Topline Medium Density Polyethylene (MDPE) pipes are designed to offer an optimal balance of strength, flexibility, and durability, making them ideal for a wide range of water distribution applications

#### KEY FEATURES:

- Lightweight, flexible yet durable
- Crack resistant
- Robust construction with high impact strength
- Low friction losses due to excellent smooth internal surface
- Resistant to bacterial growth, corrosion, rusting, chemicals

#### APPLICATIONS:

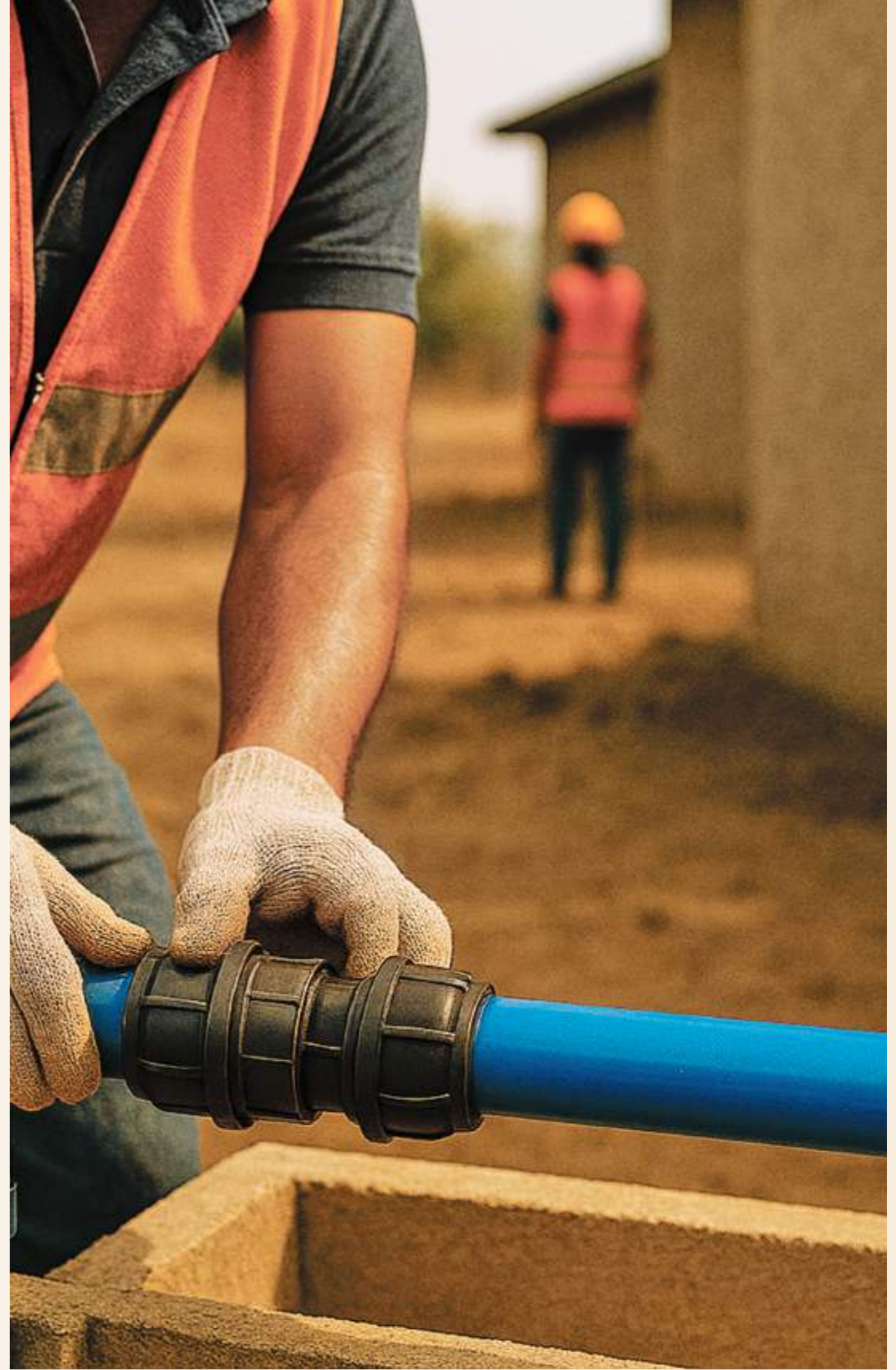
- Potable water supply
- Irrigation systems
- Sewage systems
- Industrial fluids

#### RANGE:

Pipes: 20 mm (¾") to 25 mm (1"): PE 80 with PN 12.5, PN 16 – As per ISO 4427:2019

**BRAND:** Topline

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*





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## GAS PIPES

### LEAKPROOF PIPES

#### For safe & efficient gas distribution

Made using pre-compounded MDPE, Toplevel Gas Pipes are flexible yet tough and corrosion and crack resistant. MDPE Gas Pipes have been a trusted solution for gas distribution networks for decades, offering the safest and most reliable method for transferring natural gas, LPG, biogas, and other gases from one point to another.

#### KEY FEATURES:

- Secure & safe to use
- Long life
- Easy to handle and transport
- Smooth internal and outer surface
- Excellent ESCR and resistant to rapid crack propagation
- Resistance to extreme heat and cold temperatures
- Joined using conventional electrofusion and butt-fusion techniques

#### APPLICATIONS:

- LPG and natural gas transportation
- Biogas and propane
- Industrial gas distribution
- Landfill and leachate gas extraction and conveyance

#### RANGE:

Pipes: 20 mm ( $\frac{3}{4}$ " ) to 315 mm (12") : SDR 9, 11, 13.6, 17 – As per IS 14885:2022 and ISO 4437 in PE 80 (Yellow) and PE 100 (Orange)

**BRAND:** Toplevel

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Toplevel ranges.*



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## ELECTROFUSION FITTINGS

LEAKPROOF PIPES

### Advanced fusion technology for leakproof joints

Topline Electrofusion Fittings are highly reliable solution for joining polyethylene pipes, especially in applications where safety and precision are critical. They ensure strong, leakproof connections by using embedded electrical heating elements that fuse the fitting to the pipe. With minimal labour, reduced human error due to machine-driven operation, and high joint reliability, electrofusion fittings are especially preferred in critical applications like high pressure water applications and natural gas distribution networks.

### KEY FEATURES:

- Positive joints for superior leakage resistance
- Excellent fusion/bonding
- Strong, reliable, and durable joints
- Resistant to corrosion
- Resistant to chemicals
- Easy to install

### APPLICATIONS:

- Water distribution networks
- Gas pipeline systems
- Industrial fluid handling solutions

### RANGE:

- Fittings: 20 mm ( $\frac{3}{4}$ " ) to 315 mm (12") : SDR 11 – As per EN 12201 and EN 1555
- Branch Saddle: 63 mm (2") to 180 mm (8") : PN 16 – As per ISO 17885
- Tapping Tee: 63 mm (2") to 180 mm (7") : PN 16 – As per ISO 17885

**BRAND:** Topline

**CERTIFICATIONS:** WRAS

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*





# birlanu | FHTC FITTINGS

## LEAKPROOF PIPES

### House connection fittings for drinking water supply

Topline Functional Household Tap Connection (FHTC) Fittings are specially designed components used to facilitate last-mile water connectivity in domestic water supply projects. These fittings play a crucial role in providing safe, efficient, and leak-proof connections from the main water pipeline to individual households. They are particularly vital in rural and urban infrastructure projects under initiatives like the Jal Jeevan Mission, helping achieve the goal of "Har Ghar Jal" by enabling every home to have access to tap water.

#### KEY FEATURES:

Made using high quality, durable materials like PP, HDPE, etc.

UV-resistant

Compact design and cost effective

Easy installation

Conforms to specifications laid down by schemes like Jal Jeevan Mission

#### APPLICATIONS:

Last-mile water connectivity in rural water supply schemes/initiatives

Urban/Semi-urban housing projects

Temporary/Portable water supply system

Retrofit installations

#### RANGE:

PP Compression Fittings: 20 mm (¾"): PN 20 – As per ISO 17885

Integrated Service Saddle: 63 mm (2") to 200 mm (8"): PN 16 –  
As per ISO 17885

Service Saddle: 63 mm (2") to 110 mm (4"): PN 16 – As per ISO 17885

**BRAND:** Topline

**CERTIFICATIONS:** WRAS

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## PVC-O PIPES

LEAKPROOF PIPES

### For high-pressure water supply and irrigation systems

Manufactured using advanced oriented technology, BirlaNu PVC-O Pipes offer superior mechanical properties as compared to traditional PVC Pipes. These pipes are designed to handle higher pressure with reduced wall thickness, making it more cost effective & easy for handling.

#### KEY FEATURES:

- Higher hydraulic capacity which gives upto 2x the strength of conventional PVC pipes
- High impact resistance even in extreme conditions
- Ductility and flexibility
- Rubber seal to create watertight joint
- Lightweight & easy to install
- Corrosion-free & long life
- Eco-friendly

#### APPLICATIONS:

- High-pressure water distribution system
- Irrigation
- Industrial usage

#### RANGE:

Pipes: 110mm to 400mm: PN 12.5, 16, 20 & 25 with Design factor 1.4 – As per IS 16647: 2017

**BRAND:** BirlaNu Leakproof Pipes

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

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## ACCESSORIES

LEAKPROOF PIPES

### For reliable plumbing installations

BirlaNu's accessories ranges from essential fittings like bottle traps and pan connectors to utility items like Teflon tape, each product is designed for easy application and dependable performance. Whether for bathrooms, drainage or general plumbing needs, these accessories enhance functionality and help deliver a hassle-free installation experience.

#### RANGE:

- Bottle Trap: 32 mm (1¼")
- Pan Connectors: Straight, Off-set: 125 X 110 mm (4½" X 4")
- GI Fittings: 15 mm (½")
- Teflon Tape: White, Yellow

**BRAND:** BirlaNu Leakproof Pipes

*Note: Product specifications and certifications may vary across BirlaNu Leakproof Pipes and Topline ranges.*

# PROJECTS

## Government Department Approvals

S. No.	Department Name	Location
1	Central Public Works Department (CPWD)	New Delhi
2	Central Public Works Department (CPWD)	Lucknow
3	Central Public Works Department (CPWD)	Faridabad
4	Delhi Development Authority (DDA)	New Delhi
5	Airports Authority of India (AAI)	Multiple Locations
6	AIIMS	New Delhi
7	Military Engineering Services (MES)	New Delhi
8	Northern Railway	New Delhi
9	DGMAP	New Delhi
10	Kanpur Metro	Kanpur
11	NBCC	New Delhi
12	PNB	New Delhi
13	UPHDB	Lucknow
14	Agra Metro	Agra
15	Municipal Corporation of Greater Mumbai (MCGM)	Mumbai
16	Maharashtra Housing and Area Development Authority (MHADA)	Mumbai
17	Central Public Works Department (CPWD)	Mumbai
18	Maharashtra Jeevan Pradhikaran (MJP)	Mumbai
19	City and Industrial Development Corporation of Maharashtra (CIDCO)	Mumbai
20	Indian Oil Corporation Ltd. (IOCL)	Mumbai
21	Maharashtra Housing Development Corporation Ltd. (MHDCL)	Mumbai
22	Military Engineering Services (MES) – Southern Command	Pune
23	AP SOR	Andhra Pradesh
24	APTIDCO	Andhra Pradesh
25	TNPWD	Tamil Nadu
26	Tamil Nadu Housing Board	Chennai
27	DRDO	Hyderabad
28	CPWD	Southern Region
29	Military Engineering Services	Hyderabad
30	Nuclear Fuel Complex	Hyderabad
31	Telangana State Power Generation Corporation	Hyderabad
32	TTD Devasthanams Ltd.	Tirupati
33	TS Police Housing Corporation	Telangana
34	TS SOR	Telangana
35	NRSC	Hyderabad
36	NMDC	Hyderabad

## Government Project Approvals

S. No.	Project Names	Location
1	AIIMS Campus	Rewari
2	CPWD Income Tax Residential Flats	Gurugram
3	Construction of 184 multi-storeyed flats for Honourable Members of Parliament	New Delhi
4	Expansion of Supreme Court Building	New Delhi
5	CPWD AIIMS Critical Care Block & Trauma Centre	Jodhpur
6	AAI Fire Training Academy	Allahabad
7	Delhi Court Room	New Delhi
8	PWD Government Hospital	New Delhi
9	CISF - NBCC CISF – Quarters	New Delhi
10	CPWD Old Age Home	Kargil
11	Kanpur Metro Line 1 and 2	Kanpur
12	Agra Metro Line 1 and Line 2	Agra
13	Hiralal Bhagwati Hospital	Mumbai
14	MHADA - Residential & Commercial Complex	Mumbai
15	NITIE Guest House	Mumbai
16	MES Sailor Married Accommodation	Mumbai
17	IOCL Residential Tower	Mumbai
18	BMC Staff Qtr at Antop Hill	Mumbai
19	GAIL Industrial	Ratnagiri
20	Sabarmati Riverfront (AMC)	Ahmedabad
21	Gujrat Energy Research & Management Institute	Ahmedabad
22	CPWD-WHO-GCTM Permanent Campus	Jamnagar
23	HCG (Cancer) Hospital	Ahmedabad
24	MPPWD Gandhi Medical College	Bhopal
25	MPBDCL - Paramedical Council Building	Bhopal
26	UDA CM Rise School	Tarana
27	CM Rise Excellence High School	Ghattiya
28	IDA - Infrastructure Development	Indore
29	APTIDCO - Mass Housing Projects	Andhra Pradesh
30	Indian Institute of Technology (IIT)	Hyderabad
31	Bhadadri Thermal Plant - Township	Khammam
32	TTD Pediatric Hospital	Tirupati
33	AAI - Airport Buildings	Trichy, Coimbatore
34	Bangalore Metrorail Stations (BMRCL)	Bangalore
35	Chennai Metrorail Stations (CMRCL)	Coimbatore

36	Hyderabad Metrorail Stations (HMRCL)	Hyderabad
37	Hyderabad Central University	Hyderabad
38	IIIT - Campus Buildings	Trichy
39	DRDO Staff Accommodation	Hyderabad
40	NMDC Residential Quarters	Chhattisgarh
41	Indian Institute of Petroleum & Energy Ltd.	Vizag
42	NIT Institutional Buildings	Tiruchirappalli
43	TS Mass Housing Project	Telangana
44	IISC Cancer Hospital	Bangalore
45	CPWD HCU Administrative Building	Hyderabad

## Real Estate Projects

S. No.	Developers
1	DLF Ltd.
2	Godrej Properties Ltd.
3	M3M Homes
4	Signature Global
5	Smartworld Developers
6	Mahagun India
7	Adani Group
8	Godrej Properties
9	Sobha Group
10	Kalpataru Ltd.
11	Runwal Group
12	Puranik Builders
13	Gera Developers
14	Siddha Group
15	Shapoorji Pallonji Realty
16	Siddha Realty
17	Eden Realty
18	GLS Realty
19	ATRI Realty
20	Sobha Ltd./ Sobha Developers
21	Embassy Group
22	Puravankara Ltd.
23	Urbanrise Construction (Alliance Group)
24	Divyasree Developers
25	Emerald Haven Realty Developers (TVS Group)

## MEP Consultant Approvals

S. No.	Consultant Names	Location
1	Sanelac Consultants Private Ltd.	New Delhi
2	Gian P Mathur & Associates Private Ltd. (GPM)	New Delhi
3	Krim Engineering Services Private Ltd.	New Delhi
4	ABL Hospitech Private Ltd.	New Delhi
5	Envirotech Design Private Ltd.	New Delhi
6	Behera & Associates	New Delhi
7	Paradise Consultants	New Delhi
8	Pankaj Dharkar & Associates	New Delhi
9	CP Kukreja Architects (CPKA)	New Delhi
10	ARK Consultants	New Delhi
11	WAC Engineers	New Delhi
12	PKV Consulting Engineers Private Ltd.	New Delhi
13	Proion Consultants	New Delhi
14	MJ Engineering Consultants Private Ltd.	New Delhi
15	V Consulting	New Delhi
16	SKYS Consultants	New Delhi
17	Environs	New Delhi
18	RSC MEP Services Consultants	New Delhi
19	Ambrosia Designs Pvt Ltd.	Mumbai
20	MEPCON Engineering	Mumbai
21	Anil Verma & Associates	Mumbai
22	Arkk Consulting Pvt Ltd.	Mumbai
23	MAK MEP Consultant	Mumbai
24	Kronotics	Mumbai
25	Radiant Consulting Engineers	Mumbai
26	Malwawala Engineering Services Private Ltd.	Mumbai
27	Urja Building Services Consultant Pvt Ltd.	Mumbai
28	Eskayem Consultant Pvt Ltd.	Mumbai
29	Protech MEP Consulting Engineers	Mumbai
30	Integrated Technical Services Consultant Ltd.	Mumbai
31	Elcon - MEP Consultant & Energy Auditor	Mumbai
32	Vardhan Consulting Engineers	Mumbai
33	NS Infra Project Consultant	Mumbai
34	One MEP Engineering Consulting Services	Mumbai
35	Alison MEP Consultant	Mumbai
36	KPM Design Services Pvt Ltd.	Mumbai
37	Unity Consultant Pvt Ltd.	Pune

38	Urjal Consultants Pvt Ltd.	Pune
39	Kamal Consultancy	Pune
40	Aquatech Designers MEP Consultant	Pune
41	Architect Energy Solution Pvt Ltd.	Pune
42	Eloquence Consultant	Pune
43	Siddhivinayak MEP Consultant	Pune
44	Mclin-Aqua Consultant LLP	Pune
45	Unicorn MEP Consultant Pvt Ltd.	Pune
46	Apex Consultants	Pune
47	Pushkaraj MEP Consultant	Pune
48	Artech Engineering Solutions	Ahmedabad
49	Transenergy MEP Consultant	Ahmedabad
50	Gallop MEPF Consultant	Ahmedabad
51	Jhaveri Associates	Ahmedabad
52	MEP Tech Services	Ahmedabad
53	Abacus Technocrats Pvt Ltd.	Ahmedabad
54	Archimedes India Associates	Ahmedabad
55	Geo Designs & Research Private Ltd. (GDRPL)	Vadodara
56	Designtree Service Consultants	Hyderabad
57	D&L Consultants	Chennai
58	Synergy Infra Consultants	Hyderabad
59	Saicharan Engineers	Hyderabad
60	SMEP Consultants	Hyderabad
61	MCD Berl Pvt Ltd.	Bangalore
62	Satyavani Projects & Consultants	Hyderabad
63	Sarathi Consultants	Hyderabad
64	Canny Infratech Pvt Ltd.	Hyderabad
65	Meridian Engineers & Consulting Services	Hyderabad
66	Lead Consultancy Services	Bangalore
67	Mannan Design Group	Vizag
68	Sumanam Engineering Services	Chennai
69	Vinathi Architects	Vizag
70	RIAS Architects & Consultants	Vizag
71	Ennovative Design Consultants	Hyderabad
72	ESVE Designs	Hyderabad
73	Murthy & Manyam Architects	Hyderabad
74	Colliers International	Bangalore
75	SR Associates	Chennai
76	SS Infra Project Consultants	Hyderabad

77	Suvih Engineering Services	Hyderabad
78	MEP Designstudio Consultants	Hyderabad
79	Sampathkumar Associates	Bangalore
80	NRB Consultants	Hyderabad
81	Indus Service Consultants	Bangalore
82	Buildwell MEP Consultants	Hyderabad
83	Genesis Planners	Hyderabad
84	Excel Design Consultants	Bangalore
85	EDA Consultants	Bangalore
86	Nucleus Consultants	Bangalore
87	Creative Team Consultants	Bangalore
88	E Matrix Consultants	Bangalore
89	Potent Service Consultants	Bangalore
90	Seed Engineering	Bangalore
91	Burohappold Engineers	Hyderabad
92	Entask Consultant	Bangalore
93	SD Infra MEP	Bangalore
94	Cascade Consultants	Bangalore
95	Aquafire Consultant	Bangalore
96	Optimal Consultants	Chennai
97	E Solutions MEP Consultants	Hyderabad
98	AEON Consultants	Bangalore



# COMPREHENSIVE SOLUTIONS

BirlaNu brings to life a world of possibilities, offering a complete range of home and building solutions, from pipes and construction chemicals to putty, roofs, walls and floors. Crafted with care and precision, our products are designed to endure, evolve and elevate every space.

Whether it's a cozy home, a soaring commercial complex or a grand project, we blend innovation, sustainability and technology to shape the future of your world.

Explore the art of building with us.

GET IN TOUCH

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# birlanu

PIPES CONSTRUCTION CHEMICALS PUTTY ROOFS WALLS FLOORS