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**FIVE FINGERS FRP COMPOSITE LLP**

# BUILD THE FUTURE WITH FRP REBARS

High Performance Reinforcement Solution
for Modern Construction



Engineered for Strength, Designed for Durability

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# FIVE FINGERS FRP COMPOSITE LLP

Five Fingers FRP Composites LLP is a leading manufacturer of premium quality Fiber Reinforced Polymer (FRP) Rebars designed to meet the growing demand for corrosion-resistant and long-lasting reinforcement solutions. Our products are manufactured using advanced pultrusion technology, ensuring consistent quality, exceptional strength, and superior durability.

With a commitment to innovation, precision engineering, and customer satisfaction, we deliver reinforcement solutions suitable for residential, commercial, industrial, marine, and infrastructure projects.

Our manufacturing facility is equipped with modern machinery, strict quality control systems, and experienced professionals who ensure every product meets industry standards.

Today, our products are trusted by contractors, engineers, consultants, government projects, and infrastructure developers across India.



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# FIVE FINGERS FRP COMPOSITE LLP

# THE FOUNDATION OF OUR SUCCESS

## OUR MISSION

To provide world-class reinforcement solutions that improve the durability, safety, and sustainability of construction projects.

## OUR VISION

To become India's most trusted and innovative FRP reinforcement manufacturer.



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# BENEFITS OF FRP

- Rust Free
- Corrosion Resistant
- High Tensile Strength
- Lightweight
- Longer Service Life
- Chemical Resistant
- Non-Magnetic
- Non-Conductive
- Waterproof
- Low Maintenance



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## COMPOSITE LLP

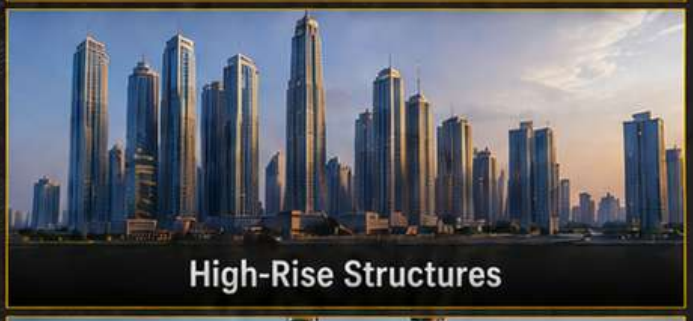
# WHERE CAN FRP REBARS BE USED?


Residential Buildings


Bridges


Commercial Buildings


Metro Rail Projects


High-Rise Structures


Highway Construction


Industrial Plants


Airport Runways


Marine Structures


Water Treatment Plants

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# WHERE CAN FRP REBARS BE USED?


Chemical Industries


Power Plants


Hospitals


Swimming Pools


Water Tanks


Precast Concrete Products


Tunnel Construction


Retaining Walls


Coastal Infrastructure


Solar Foundations

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# WHY FIVE FINGERS FRP?

Choosing the right reinforcement partner is as important as selecting the right construction material. We focus on delivering consistent quality, technical expertise, and reliable customer service to help our clients build stronger and longer-lasting structures.

## WHY CHOOSE US

- ADVANCED MANUFACTURING FACILITY
- PREMIUM QUALITY RAW MATERIALS
- EXPERIENCED TECHNICAL TEAM
- MODERN PRODUCTION TECHNOLOGY
- STRICT QUALITY CONTROL
- COMPETITIVE PRICING
- TIMELY DELIVERY
- CUSTOM MANUFACTURING
- STRONG CUSTOMER SUPPORT
- RELIABLE SUPPLY CHAIN
- TRUSTED BY ENGINEERS & CONTRACTORS
- SUSTAINABLE & FUTURE-READY PRODUCTS

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# FIVE FINGERS FRP COMPOSITE LLP

# MANUFACTURING PROCESS & QUALITY ASSURANCE

## MANUFACTURING EXCELLENCE

At Five Finger FRP Composites LLP, our FRP Rebars are manufactured using advanced Pultrusion Technology, ensuring superior strength, consistent quality, and long-lasting durability. Every product undergoes strict quality control to meet industry standards and deliver reliable performance for modern construction projects.

## MANUFACTURING FLOW

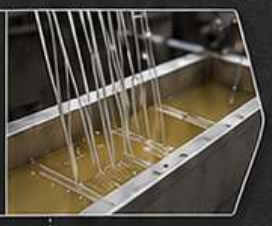
1. Raw Material Selection



2. Glass Fiber Alignment



3. Resin Impregnation



4. Pultrusion Process



5. Heating & Curing



6. Surface Profiling



7. Cooling



8. Cutting



9. Inspection



10. Packing



11. Dispatch



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# FIVE FINGERS FRP COMPOSITE LLP

# TMT / GFRP

## TECHNICAL COMPARISON

| Properties of TMT Bars | TMT Bar | GFRP | Comparison |
|---|---|---|---|
| Tensile strengtlt Mpa | 500 | 1000 | Stronger |
| Linear meter weight 8mm | 0.395kg | 0.080kg | Lighter |
| Bar's size | 12m | Until 100m | Better improvement |
| Durability embedded | 50 years | (+)100 years | More durable |
| Class III and IV | (+/-)5 years | (+)100 years | More durable |
| Corrosion resistance | No | Yes | More durable |
| Electric conductivity | Yes | NO | No accidents risk |
| No accidents risk | Yes | NO | Does not dissipate heat |
| Concrete covering | 35mm a 45mm | 20mm | Lower concrete volume |
| Shear strength | 120 | 170 | Higher |
| Bond strength Mpa / N / mm^2 | 14* | 12.5 | Lower |
| Compression Mpa / N / mm^2 | 500 | 450 | Lower |
| Modulus of elasticity (Gpa) | 160-200 | 65 | Lower |
| Elongation (%) | 25 | 4 | Lower |
| Density ( ton / m ) | 7.8 | 1.9 | Lower |

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# COMPARISON
# GFRP REBARS / METAL REBARS

| GFRP Rebars | | | Metal Rebars | |
|---|---|---|---|---|
| Diameter | Weight (Per 12 meter bar) | | Diameter | Weight (Per 12 meter bar) |
| 3.0 mm | 0.185 Kg | = | ---- | ---- |
| 3.5 mm | 0.280 Kg | = | ---- | ---- |
| 4.5 mm | 0.468 Kg | = | 06 mm | 2.75 Kg |
| 6.0 mm | 0.570 Kg | = | 06 mm | 2.75 Kg |
| 7.0 mm | 0.900 Kg | = | 08 mm | 4.74 Kg |
| 8.0 mm | 1.200 Kg | = | 08 mm | 4.74 Kg |
| 10.0 mm | 1.600 Kg | = | 10 mm | 7.40 Kg |
| 12.0 mm | 2.400 Kg | = | 12 mm | 10.65 Kg |
| 14.0 mm | 3.240 Kg | = | 14 mm | 14.52 Kg |
| 16.0 mm | 4.870 Kg | = | 16 mm | 18.93 Kg |
| 18.0 mm | 6.280 Kg | = | 18 mm | 24.00 Kg |
| 20.0 mm | 8.080 Kg | = | 20 mm | 35.76 Kg |
| 22.0 mm | 9.800 Kg | = | 22 mm | 46.22 Kg |
| 25.0 mm | 11.670 Kg | = | 25 mm | 58.02 Kg |

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# FIVE FINGERS FRP COMPOSITE LLP

# OUR TRUSTED CLIENTS

## ZEALAND PORT & TERMINAL
Infrastructure Project

## PAHAL SOLAR
Solar Energy Project

## RAVIRAJ RCC PIPES
Construction Material

## VENUDHARA RESIDENCY
Residential Project

## JAY KHODIYAR CONSTRUCTION

## AADHYA REALITY

## SAHJANAND BUILDTECH

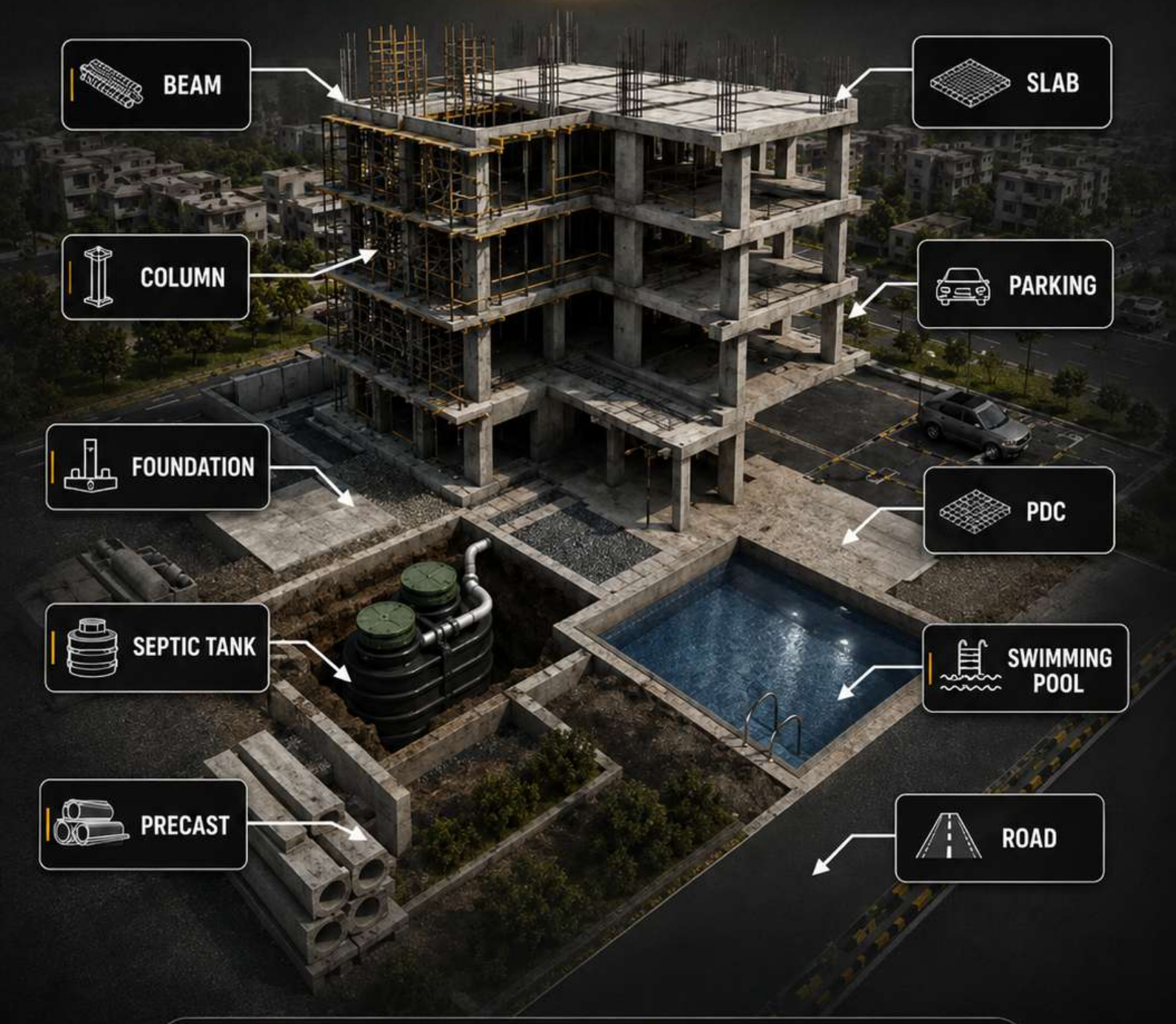
## P P SAVANI GROUP

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# ONE BUILDING.
# MULTIPLE FRP APPLICATIONS.




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# NUMBERS THAT DEFINE OUR SUCCESS

Our Achievements at a Glance

## OUR GROWTH IN NUMBERS

**25,00,000+**

**METERS PRODUCTION CAPACITY**

Delivering high-volume production with consistent quality and precision.

**15+**

**HAPPY CLIENTS**

Trusted by builders, contractors, developers, and infrastructure companies.

**8,00,000+ SQ. FT.**

**PROJECTS REINFORCED**

Projects reinforced with our premium GFRP Rebars across multiple sectors.

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# PROJECTS IN PROGRESS

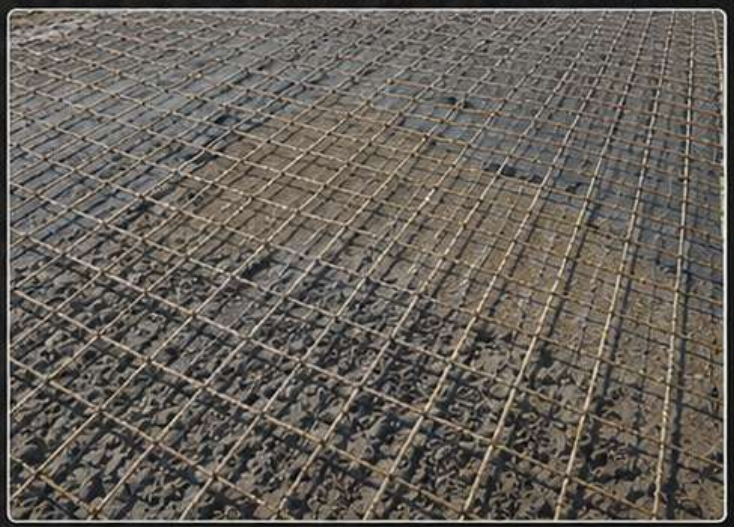
## FROM MANUFACTURING TO ON-SITE EXECUTION

Our GFRP Rebars are actively being used across multiple construction sites, including industrial flooring, warehouses, foundations, and infrastructure projects. These images showcase our commitment to delivering quality products that are trusted by engineers and contractors for real-world applications.









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