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## Baftshahr Company: Manufacturer of Volumetric and Prefabricated Modular Buildings

Baftshahr Company's volumetric and prefabricated modular buildings are a groundbreaking solution for swift and cost-effective construction of diverse structures. These buildings consist of **modular building blocks (Volumetric)** encompassing the structure, walls, and finishing touches. The blocks are manufactured in a factory, transported to the project site, and installed promptly.

### The summary of the advantages of Baft Shahr Company's volumetric prefabricated buildings are numerous and include:

- **Time Efficiency:** Construction of these buildings is significantly faster than traditional methods.
- **Portability:** These buildings can be relocated multiple times after installation.
- **Minimal Contractor Involvement:** The need for multiple contractors on the project site is minimized.
- **Versatile Functionality:** These buildings can be utilized for constructing various structures, including villas, administrative buildings, residentials, medical facilities, temporary shelters, schools, warehouses, dormitories, restaurants, and sports clubs.

### Some applications of Baftshahr Company's volumetric and prefabricated modular buildings:

- **Villas:** Constructing beautiful and modern villas in minimal time
- **Administrative Buildings:** Creating modern and efficient office spaces
- **Residential Buildings:** Building residential at high speed
- **Medical Buildings:** Establishing modern and well-equipped clinics and hospitals
- **Emergency Medical Buildings:** Offering a quick solution for temporary accommodation during crises
- **Temporary Shelters:** Providing temporary accommodation for workers, students, and travelers
- **Schools:** Building schools swiftly with good quality
- **Warehouses:** Creating secure and reliable storage spaces
- **Dormitories:** Providing temporary accommodation for students, workers, and travelers
- **Restaurants:** Constructing beautiful and modern restaurants in minimal time
- **Sports Clubs:** Creating modern and efficient sports facilities



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## Features of Volumetric and Prefabricated Modular Buildings by Baftshahr Company:

- **Remarkably High Construction Speed:** Three months of factory production and less than 10 days of on-site installation.
- **Relocation Capability:** Buildings can be relocated from one place to another repeatedly.
- **Market-Competitive Price:** Cost-effective and affordable.
- **Earthquake Resistance:** Suitable for earthquake-prone areas, both before and after an earthquake.
- **Fire Resistance:** Ensures safety in case of fire.
- **Lightweight:** lighter than conventional buildings.
- **Industrial Quality:** High-quality construction using advanced manufacturing techniques.
- **Integration of New Technologies:** Embraces innovative technologies for enhanced efficiency and sustainability.
- **Resale Potential:** Buildings can be sold after initial use.
- **Flexible and Adaptable plans :** Plans can be modified over time.

## Materials Used in Volumetric and Prefabricated Modular Buildings:

- **Structure:** Composed of steel and concrete for durability and strength.
- **Foundation:** Concrete foundation integrated with the building, manufactured in the factory and connected on-site.
- **Utilities:** Equipped with standard utilities and adaptable to specific project requirements.
- **Power Generation:** Capable of generating electricity for the building's consumption through solar panels.
- **Interior Walls:** Made of gypsum board or light reinforced concrete panels.
- **Exterior Walls:** Customizable options include concrete, brick, terracotta, cement board, GFRC, reinforced concrete panels, or similar alternatives based on the client's preference.
- **Flooring:** Composed of parquet or other materials as desired.
- **Wall Finishes:** Interior walls can be finished with wallpaper, while bathrooms and kitchens use ceramic tiles.
- **Design Standards:** Adhering to international design standards for quality and safety.