



GEOBLOCKS

BUILDING GREEN



Enhanced
Build
Experience





About Us

At GEOBLOCKS, We Are Committed to Providing High-Quality Construction Materials to Our Customers in Vadodara and Beyond. We Have Been in The Industry for Several Years and Have Established Ourselves as A Leading Supplier of AAC Blocks, Block Joint Mortar, Plaster Mesh, and Concrete Stone Adhesive Foam.

Our Team Is Composed of Experts Who Have Years of Experience in The Construction Industry. They Are Knowledgeable and Passionate About Their Work, and Are Always Available to Provide Professional Advice and Support to Our Customers. Our Team Works Closely with Our Customers to Understand Their Needs and Provide Customized Solutions that Meet Their Specific Requirements.



OVER 10 YEARS

With 10 years of experience provide top-quality construction materials and exceptional customer service to meet diverse needs



LATEST TECHNOLOGY

Using the latest technology, we manufacture premium construction materials to meet the evolving needs of the industry.



TRAINED WORKERS

Our skilled and trained workers are committed to producing high-quality construction materials that meet and exceed industry standards.



PROFESSIONAL SERVICE

Our dedicated team provides professional reliable and efficient service to ensure a seamless and hassle-free experience for our customers.

AAC BLOCKS



Autoclaved Aerated Concrete (AAC) is a lightweight, precast, foam concrete building material that simultaneously provides structural insulation, fire & mold resistance, and various other advantages. AAC products are changing the future of industrial, commercial, and residential development everywhere. It has proven its superior quality in virtually all climate conditions. AAC is a precast structural product made with all-natural raw materials. It is primarily a mixture of industrial byproducts, cement, lime, and water that expands by adding aluminum powder. The chemical reaction caused by the aluminum powder creates the millions of microscopic cells that are generated during the manufacturing process.

Advantages

- Light Weight
- High Thermal Insulation
- Earthquake Resistance
- Cost Effective
- Moisture, Pest & Mold Resistance
- Acoustic Insulation
- Design Flexibility
- Fire Resistance

| PARAMETERS | SPECIFICATIONS |
|----------------------------------|--------------------------------------|
| Density | 550-650 kg/m ³ (Oven Dry) |
| Compressive Strength | 4 N/mm ² |
| Modulus of Elasticity | 2040 N/mm ² |
| Coefficient of Thermal Expansion | 8.1x10 ⁻⁶ K ⁻¹ |
| Water Absorption | 8% (at Equilibrium) |
| Thermal Conductivity | 0.16 W/(m.K) |
| Drying Shrinkage | 0.04% |
| Fire Resistance | 4 Hrs. (150mm Wall) |
| STC Rating | 43db (100mm Wall) |

Key Features

- Superior Acoustic Insulation
- Resistant to Termites and Mold
- Reduced Structural Cost
- Environmentally Friendly
- Energy Savings of 15-20%

| Thickness of AAC Blocks (mm) | Length of AAC Blocks (mm) | Width of AAC Blocks (mm) | Volume of a AAC Block (m ³) | No. of AAC Blocks in 1 m ³ |
|------------------------------|---------------------------|--------------------------|---|---------------------------------------|
| 100 | 625 | 200 | 0.0125 | 80 Pcs |
| 115 | 625 | 200 | 0.014375 | 69.56 Pcs |
| 125 | 625 | 200 | 0.015625 | 64 Pcs |
| 150 | 625 | 200 | 0.01875 | 53.33 Pcs |
| 200 | 625 | 200 | 0.025 | 40 Pcs |
| 225 | 625 | 200 | 0.028125 | 35.55 Pcs |
| 230 | 625 | 200 | 0.02875 | 34.78 Pcs |
| 250 | 625 | 200 | 0.03125 | 32 Pcs |
| 300 | 625 | 200 | 0.0375 | 26.66 Pcs |



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