



AAC BLOCKS AND READYMIX PLASTER

HISCON AAC blocks and Readymix Plaster are sustainable building material that significantly contributes to

A **GREEN** ENVIRONMENT

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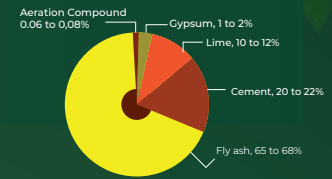
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INTRODUCTION OF AAC BLOCKS

- Introducing AAC (Autoclaved Aerated Concrete) Blocks. We will explore how AAC Blocks offer eco-friendliness, sustainability, and cost-effectiveness as compared to traditional clay bricks.

FACTS OF HISCON AAC BLOCKS



WHAT ARE AAC BLOCKS?

- AAC blocks are lightweight, precast, aerated concrete building blocks.
- Made from natural materials such as flyash, cement, lime, gypsum, and aluminum powder.
- The unique manufacturing process involves autoclaving, which creates a matrix of air bubbles, resulting in a lightweight and porous structure.

ECO-FRIENDLINESS OF AAC BLOCKS

- **Preservation of Natural Resources :** AAC blocks utilize flyash, a by product of thermal power plants, reducing waste and conserving natural resources.
- **Energy-Efficient Manufacturing Process :** Autoclaving consumes less energy compared to firing clay bricks in a kiln.
- **Reduced Carbon Footprint :** AAC blocks require less energy for production due to their lightweight nature.



Eco-Friendly



Cost-Effective



Water Resistant

AAC BLOCKS ATTRIBUTE

- **Thermal Insulation** : AAC blocks offer superior thermal insulation properties, reducing energy consumption for heating and cooling.
- **Sound Insulation** : Their porous structure absorbs sound, offering a quieter indoor environment.
- **Non-Toxic and Inert** : AAC blocks do not emit harmful gases or chemicals, contributing to healthier indoor air quality.
- **Fire Resistance** : AAC blocks have excellent fire resistance properties, enhancing safety in buildings.

Benefits Over Traditional Clay Bricks

- **Lightweight** : Easier handling and transportation, reducing construction time and labor costs.
- **Superior Thermal Properties** : Reduced energy consumption for heating and cooling, leading to long-term cost savings
- **Higher Strength** : AAC blocks have higher compressive strength compared to traditional clay bricks, providing structural stability.
- **Precision In Dimensions** : Uniform shape and size of AAC blocks lead to faster and more accurate construction, minimizing wastage thus Saving Your Plaster Cost upto 30%.
- **Resistance To Pests and Molds** : AAC blocks are not susceptible to pests or molds, ensuring durability and longevity.



Sound Absorbtion



Non- Toxic



Protect From Gases

Cost-Effectiveness

Initial Cost Savings

- Plaster cost is reduced overall by 25-30 % and also steel foundation cost is saved by upto 25% using aac block for your construction.

Long-term Savings

- Energy efficiency, durability, and low maintenance contribute to significant cost savings over the lifespan of the building.

Enhanced Property Value

- Buildings constructed with AAC blocks are perceived as modern, sustainable, and of higher quality, potentially increasing resale value.

We also deals in



Tile Adhesive



Kerb Stone



Pavers



Flyash Bricks

Conclusion

- AAC blocks offer a sustainable, eco-friendly, and cost-effective alternative to traditional clay bricks.
- Their superior thermal properties, durability, and ease of construction make them an ideal choice for modern building projects.
- By embracing AAC blocks, we can contribute to a greener future while reaping the benefits of efficient and sustainable construction practices.

Our Construction Sites



K3 Resort (Jhs)



Govt Hospital (Jhs)



Teli baagh (Lucknow)



Bankey Bihari Awas (Jhs)



Sanfran Sarovar (Jhs)



Thesildar Bhandar (Datia)



Medical College (Datia)



CM Rise School (Prthivipur)



CM Rise School (Gunnor)

And Many More...

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READY MIX PLASTER

- Ready Mix plaster is an eco-friendly plaster, It is a polymer modified premixed ready to use cement based mortar for external as well as internal plaster, which ensures quality consistency.

ECO-FRIENDLY MATERIAL

- Ready-mix plaster made of M-sand (Manufactured Sand) is a sustainable alternative to traditional river sand plaster. M-sand is produced by crushing hard granite rocks, reducing the need for riverbed excavation, thus **preserving natural river ecosystems.**

REDUCED ENVIRONMENTAL IMPACT

- By utilizing M-sand in ready-mix plaster, the strain on riverbeds is significantly reduced, **preventing erosion and preserving water bodies.** This approach contributes to environmental conservation and protects fragile aquatic habitats.

LOWER CARBON FOOTPRINT

- The manufacturing process of M-sand typically involves **less energy consumption and emits fewer greenhouse gases** compared to dredging river sand. Therefore, ready-mix plaster made from **M-sand has a lower carbon footprint, supporting efforts to mitigate climate change.**



Prevents Erosion



Ready Mix Plaster



Reduced
Environmental Impact

COST-EFFECTIVENESS

- Long-term Savings : Ready-Mix Plaster made from M-sand offers long-term savings due to its **superior quality and durability**.
- Reduced maintenance costs : No material wastages and enhanced bonding performance **contribute to overall cost-effectiveness**.
- Reduced labour costs : The use of ready-mix plaster can lead to **cost savings by optimizing labor efficiency**.
- Reduced water usage : Lead to significant **reductions in water usage**.

ENHANCED PERFORMANCE

- M-sand is known for its superior binding properties, resulting in stronger and more durable plaster **compared to river sand**.
- Ready-mix plaster offers better adhesion, crack resistance, and longevity, **reducing the need for frequent repairs and maintenance**.

EASE OF USE

- Ready-mix plaster eliminates the need for onsite mixing and reduces labor requirements, making the application process more efficient and less labor-intensive. **This streamlines construction projects and improves productivity**.

QUALITY CONTROL

- **We at Hiscon Industries** maintain stringent quality control measures during production, ensuring consistent product quality and adherence to industry standards. This minimizes the risk of defects and ensures reliable performance in various construction applications.



Cost-Effectiveness



Enhanced Performance



Preserved Water

OUR CONSTRUCTIONS SITES



YLS Bhojla (Jhs)



Krishna Anandam (Jhs)



Govt Project (Jhs)



Ambabai (Jhs)



Ambrosia City (Jhs)



Babina Cantt (Jhs)



K3 Resort (Jhs)



Sanfran Sarovar (Jhs)



Sivanta Homes (Jhs)

And Many More...

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