

RECONS AAC BLOCKS



“Redefining Innovation,
Unlocking Possibilities”



RECONS GROUP OF COMPANIES

Walling and Concrete Solutions

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RECONS AAC BLOCKS



Recons Group is presenting new edge light weight blocks named Recons Blocks. It is a smart product with lots of advantages over traditional bricks. Recons Blocks are lightweight Autoclaved Aerated Concrete (A.A.C.) blocks which are a completely cured, inert and stable form of calcium silicate hydrate.

Recons AAC Blocks Has Many Advantages Over Traditional Bricks As Mentioned:

Light Weight:– Recons Blocks has density of about 33% than traditional bricks and cement blocks and hence it reduces the dead load on RCC structure. If designed from foundation then it can do lots of steel savings and cost saving.

Economical:– Recons Block is a very economical material it not only saves mortar due to bigger in size but also saves labour cost. It does not need 2 coats of cement plaster on walls.

Fire Resistant:– Recons Blocks are inorganic and totally fire incombustible. It is made up of flyash, lime and gypsum hence having inherent property of fire resistance upto 6 hrs for 200mm thick walls. Specially used in any certain industry.

High Durability:– Recons Blocks are reasonably frost & sulfate resistant. It is 100% Termite & Vermin Proof. It is an inert & non-toxic substance and hence free from any chemical reaction due to climatic changes. It does not only enhance the quality of construction but also the durability.

Technical Specifications:- A.A.C

Properties	Values
Density	550–650 Kg/m ³
Compressive Strength	Grade-1 4MPA As IS 2185 Part (III)
Thermal Conductivity	0.16 W/M deg K (Average)
Resistant to Fire	2–6 hrs Depending upon Thickness
Sound Reduction Index	37–49 db depending upon Thickness

Green Product:– Recons Blocks are made up of 75–80% of flyash which leads to saving of the environment. Allows accurate cutting that minimizes the generation of solid waste during use. It has very less water absorption compared to traditional bricks. It is 100% recyclable and non toxic product and hence does not harm the environment. A truly Green Product.

High Thermal Efficiency:– Higher thermal insulation properties saves lots of electricity in the building by transferring the less amount of outside heat to inside and hence lesser load on the air-conditioning system inside the building. It also generates a sound proof environment in building.

Size:– The AAC blocks are available in various sizes and thickness as per customer's requirements.

Easy To Use:– Recons Blocks last and most important advantage is that it is very easily workable, one can construct faster and better walls. And time is the essence of many projects in India.

Standard Sizes Are As Follows:

- 600 mm X 200 mm X Thickness (100 mm to 300mm with an increment of 50mm)
- 625mm X 240 mm X Thickness (100 mm to 300mm with an increment of 50mm)