

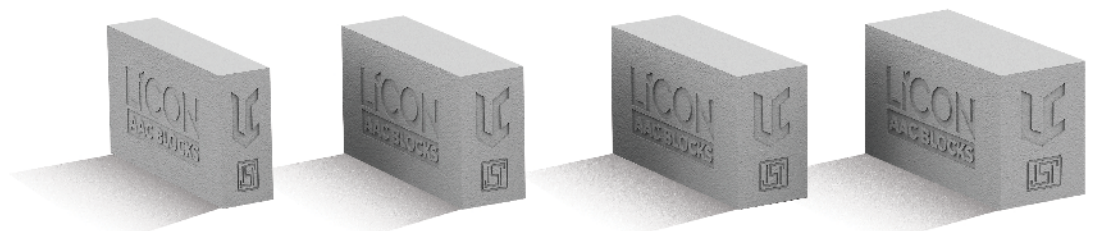


## STRENGTH & SUCCESS IN EVERY STRUCTURE

■ Guaranteed Quality    ■ Light Weight    ■ Maximum Savings    ■ Heat & Thermal Insulation

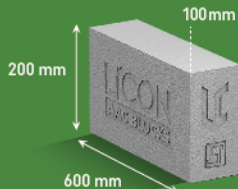
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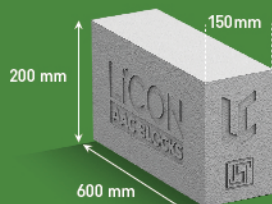




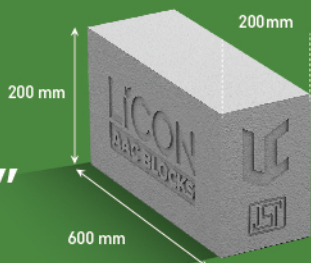
> 4"



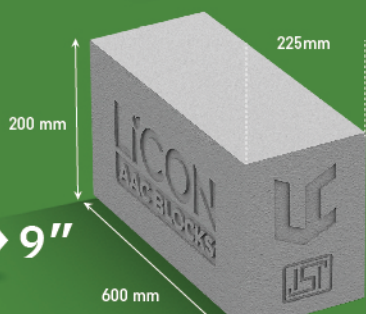
> 6"



> 8"



> 9"



## Why LiCON AAC Blocks

Extra  
Saving  
**20%**

Lesser  
Weight  
**30%**

Faster  
Construction  
**40%**

Strength

> 4 N/mm<sup>2</sup>

Density

550-650 Kg /m<sup>3</sup>

Water Absorption

5-10 %

Thermal Conductivity "K"

0.16 w/mk

Fire Resistance

4-6 Hrs

Sound Insulation

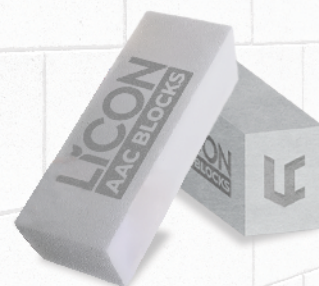
45 dB

Mortar Joint Thickness

3-5 mm

Plaster Thickness

10-12 mm



AAC blocks reduces environmental waste by approximately 30%. While evaluating its impact on nature, AAC blocks are a better choice for construction also for the environment.



LiCON AAC Blocks, South India's Leading Manufacturer and Supplier of AAC Blocks and Joining Mortar with over 40,000 Sq.ft Factory produces 1 Lakh m<sup>3</sup> in a year.



Scan to Location



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## Method of constructing AAC block walls and Precautions to be taken while constructing ACC block

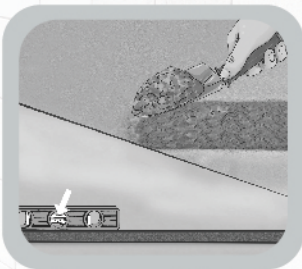


**01**

Ensure that AAC blocks are stacked on a flat and level surface and make sure to use blocks that are completely dry.

**02**

Clean the surfaces of AAC blocks using a brush or by giving them a quick rinse in water.

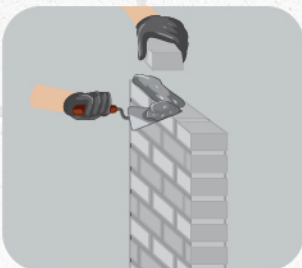
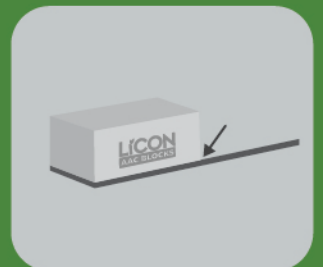


**03**

Using a sand-cement mix, lay the AAC blocks with the 'O' level side on the ground and ensure that the ridge grooves are leveled into the ground.

**04**

Once the floor is properly prepared, use a toothed trowel to apply a 3-5 mm layer of thin-bed mortar (Lyon mortar) before laying AAC blocks to construct the wall. If using conventional mortar, maintain a mortar joint thickness of 10-12 mm while building the wall.

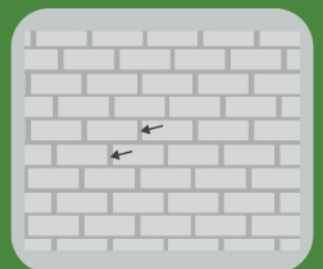


**05**

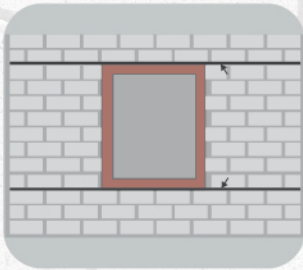
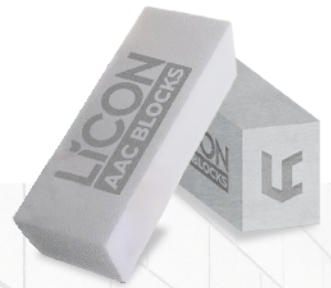
Arrange the blocks in rows on the prepared bed and continue building the wall until construction is complete.

**06**

Ensure that vertical joints between AAC blocks are not placed directly in a straight line above each other.





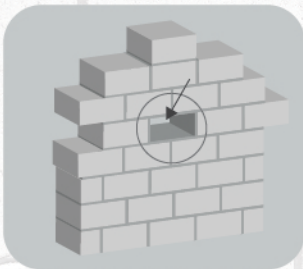
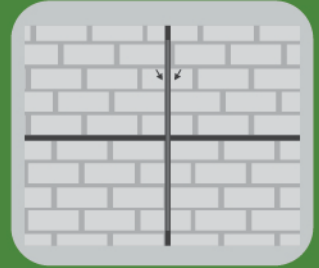


07

A coping beam should be constructed every 4 rows, and a 6/8 mm lintel should be placed above the windows.

08

For long walls, a pillar should be constructed every 10 feet for structural support.

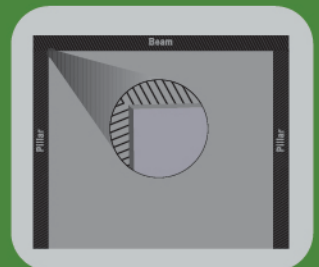


09

Use power tools to create grooves in the AAC blocks to accommodate electrical wiring and pipes.

10

After plastering, create a 1 cm groove on the top before it sets.



Our recommendations are based on extensive research and practical experience in the field. We cannot guarantee results if factors beyond our control affect the application. Customers should conduct their own inquiries and test the suitability of our products for their specific needs. For further details, please reach out to our representative.



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