

MAXCRETE-PRESERVING NATURE



Saving Top Soil

Compared to the regular red bricks that require soil for manufacturing, AAC requires Cement, sand, high quality quick lime, gypsum, aluminum powder and water.

Saving Water

Maxcrete need very less water in the construction process. Since there are fewer joints in the AAC-related construction, and doesn't need curing, the water requirement is substantially reduced.

Saving Energy

Maxcrete AAC block gives a perfect heat protection property. That is to say, during winter, it makes the room warm, while in summer, it cools the room. As a result, it saves energy by reducing air-conditioning system.

No CO2

Compared to traditional clay brick kilns, AAC manufacturing plant does not produce any CO2 gas and does not pollute the air. AAC manufacturing process is clean and green for the environment.



WHERE MAXCRETE CAN BE USED



Internal and External Wall



Perimeter Wall



Cavity Wall



Partition Wall



MAXCRETE

MAXCRETE LIMITED

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MAXCRETE
AUTOCLAVED AERATED CONCRETE




A Concern of
MAX
GROUP

FUTURE BUILDING TECHNOLOGY



ADVANTAGES OF MAXCRETE AAC BLOCK

-  Eco-Friendly
-  Lightweight
-  Economical
-  Faster Construction
-  Thermal Insulation
-  Fire Rating
-  Noise Reduction
-  Zero Curing
-  Minimal Workforce
-  Dimensional Accuracy
-  Everlasting Life

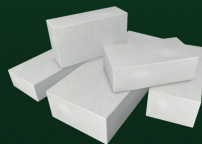
Creating History In Bangladesh

Autoclaved Aerated Concrete (AAC) Blocks are lightweight, prefabricated, and green building material that is well admired as the most eco-friendly substitution for toxic clay-based bricks. Developed by Swedish architects in 1920, these AAC Blocks are getting increasingly popular all over the world for its manifold advantages. MAX GROUP, one of the leading and versatile engineering conglomerates of Bangladesh, pioneered the country's first Autoclaved Aerated Concrete (AAC) Block manufacturing unit titled MAXCRETE. This is by far the largest-fully automated AAC block manufacturing unit in Bangladesh backed entirely by German technology and processes. MAX GROUP has completed the first factory unit of MAXCRETE AAC Block in its own premises of 8 acres land situated in Jagir, Manikganj. Presently, this ultramodern-green factory having a daily production capacity of 1000 m3 is supplying AAC Blocks to various clients meeting their full satisfaction and demand.

Technical Specification

	Size	As per client requirement
Industry Standard Size	Compressive Strength	L600mm X H200mm X W120mm
	Compressive Strength	4-6 MPa
	Normal Dry Density	550-850 kg/m ³
	Thermal Conductivity	0.12 W/m-k
	Fire Resistance	4-6 hours
	Sound Reduction Index (db)	40-45 db
	Drying Shrinkage	≤ 0.02% (Average)

These are standard specifications, subject to customization based on client's specific requirements.



CORE FEATURES OF MAXCRETE



REDUCE 60%
WALL LOAD



SAVE 20%
ON STRUCTURAL COST



REDUCE 50%
MORTAR CONSUMPTION



MINIMUM 0.05%
WASTAGE