

### BIGBLOC CONSTRUCTION LIMITED

CIN NO.: L45200GJ2015PLC083577

908, 9th Floor, Rajhans Montessa, Dumas Road, Magdalla, Surat-395 007. (Ph.): +91-2463262, 2463263

E-mail: info@nxtbloc.in Visit us: www.nxtbloc.in



Date: 19/11/2024

To,
BSE Limited,
Phiroze Jeejeebhoy Towers,
Dalal Street, Fort,
Mumbai - 400001

Script Code: 540061 ISIN:INE412U01025

Dear Sir/Madam,

To, National Stock Exchange of India Limited, Exchange Plaza, C-1, BLOCK G, Bandra-Kurla Complex, Bandra (E), Mumbai - 400051

Symbol: BIGBLOC ISIN: INE412U01025

# <u>Subject: Investor Presentation pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015</u>

In accordance with Regulation 30 of the SEBI (Listing Obligation and Disclosure Requirements) Regulations, 2015, we are enclosing herewith the Investor Presentation for the month of November, 2024.

The above information will also be made available on the website of the Company www.bigbloc.in.

Kindly take the same on your records.

Thanking You

Yours Faithfully,
For BIGBLOC CONSTRUCTION LIMITED

Neha Dugar Company Secretary and Compliance Officer ICSI Membership No.: A36290

CSI

Encl.: as above



### At a Glance



The Largest
AAC Blocks
Manufacturer in India
with 13,25,000
CBM p.a.

Marquee Clientele of 100+ Realtors

Supply Chain across
9 Cities in 4 States

Early entrant in India for manufacturing AAC Blocks 4 State-of-the-art manufacturing facilities

Only Company under AAC industry to generate Carbon Credits

Products sold under reputed brand NXTBLOC

500+ Team Strength 1,500+ Projects Pipeline 2,000+
Projects Executed

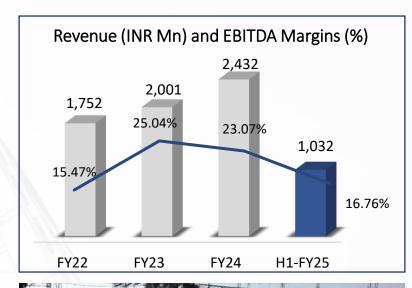
3 Year Revenue CAGR 33% 3 Year EBITDA CAGR 66%

Net Debt To Equity 1.1x Return on Capital Employed 21.38% Return on Equity 28.27%

# **Company Overview**



- BigBloc Construction Limited is the largest manufacturer of AAC (Aerated Autoclave Concrete) block in India and related products manufacturing company, with a total capacity of 13,25,000 m<sup>3</sup> p.a. capacity.
- AAC blocks are a superior quality building material which provide unparalleled blend of strength, light weight, thermal insulation, sound proof, unsurpassed fire resistance and highly proficient building capability. AAC is a natural and non-toxic construction material, saves energy, and are eco-friendly.
- These AAC Blocks of the company are marketed in the Brand name of NXTBLOC, which is a green Product for Construction Industry.
- BigBloc aims to become an unparalleled name in the industry; manufacturing quality building materials that focus on sustainability. It also hopes to aid the construction and infrastructure industry in adopting green and sustainable practices for a better future.
- BigBloc has four state-of-the-art manufacturing units located at Vapi and Ahmedabad, Gujarat, and Palghar, Maharashtra, making it the largest AAC manufacturer in India.





**Indigenous Brands** 









The logo of Aerated Autoclaved Concrete Blocks embodies the brand through a minimalistic yet impactful design that takes inspiration from blocks.



NXTFIX mortar is a semi-premix high-quality mortar for the jointing and bonding of AAC blocks. NXTFIX mortar semi-premix consists of cement, graded sand and specialized polymers which combine to give superior strength, water retention and stability. NXTFIX mortar only requires the addition of water before application to prepare the product for use, reducing the hassle of measuring and maintaining various individual elements to create a conventional mortar.



NXTPLAST Ready Mix Plaster is a ready mix cement plaster with high-quality polymer additives to substitute for the traditional site mix wall plaster process. The application method requires mixing of water before application and the mix is ready for plastering. NXTPLAST Ready Mix Plaster can be used for both external and internal plastering.

# Value Centric Approach



### Quality

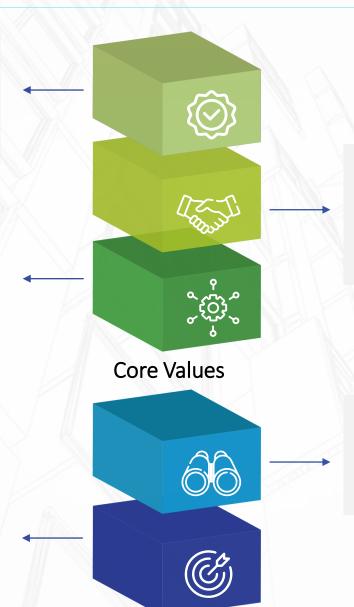
Strong believer and executioner of quality products and development- Economical, Environmental and healthy Housing across India.

### Integrity

Create growth opportunity and trust for all employees and value for all stakeholders in the value chain by following the principles of agile enterprise.

#### Mission

To be the most preferred and most trusted company for green products and services that create safe and stable environment.



#### Commitment

Rapid Sustainable Construction of Green buildings bearing Environmental Impact such as Global Warming and Carbon Footprint.

#### Vision

Committed to innovative growth through personal passion, reinforced by a professional mindset, creating value for all.

# **Eminent Leadership Team**





#### Mr. Narayan Sitaram Saboo- Chairman & Executive Director

He has an invaluable 34 years of experience in management and operation of Textile Business and 10 years in AAC Block Business. He Holds a degree of Bachelor of Laws (LLB). Providing industry-wise leadership and management strategy are his key areas of expertise. He is actively associated with various social welfare.



### Mr. Mohit Narayan Saboo- Director & CFO

Experience of 7 years in Corporate Taxation, Finance and Accounts. He is a Chartered Accountant by qualification. He is associated with the company since 2012. He is responsible for handling work related to Corporate Finance and Accounting, Secretarial and legal issues.



#### Mr. Naresh Sitaram Saboo- Managing Director

He is embedded with an experience of over 25 years in Textile Business and 10 years of experience in AAC Block Business. He has vast experience in providing strategic direction in selection of technology and machineries in setting up new manufacturing facilities, improvement of production processes and new ventures. Having international exposure, he is well aware of the latest trends in the manufacturing industry.



#### Mr. Manish Saboo- Marketing and Strategy Head

With over 10 years of experience working as a Commercial Manager, he is responsible for smooth project delivery and coordination. He has done his Masters in finance from Nottingham London. He manages the company's financial and marketing Operations. His functions as Executive director include Planning and execution of the company's marketing & Financial Strategy.

### Mr. Sachit Gandhi Independent Director

With over 7 years of experience in Finance, Mr. Sachit Gandhi, Chartered Accountant by profession brings indepth knowledge and skills to the Board that enables to make sound financial decisions for the betterment of the Company.

### Ms. Samiksha Nandwani Non Executive - Independent Director

With over 9 years of experience in Merchandising and Marketing, she adds value to the Company by providing expertise in Marketing. She holds a Bachelor's degree in Marketing from Veer Narmad South Gujarat University.

### Mr. Dishant Jariwala Non Executive - Independent Director

With over 6 years of experience, Mr. Dishant Jariwala's contribution to the Company's graphic designing and publishing system team has been noteworthy. He has worked with Kwality Silk mills in the past. He holds a Bachelor's degree in Chemical Engineering from SCET Engineering College.

# **Building BigBloc**

- First AAC Blocks unit commenced in **2010** and sold to Thapar Group in 2011 under erstwhile parent entity Mohit Industries Ltd.
- Commenced new **AAC Block** manufacturing unit with
- 3,00,000 m<sup>3</sup> capacity p.a. located at Umargaon, Gujarat in 2012

• Demerged AAC business from Mohit Industries Ltd.

2015

Expanded Listing

to all Indian

2016

Bourses.

 Acquired a sick unit, Starbigbloc **Building Material** Pvt. Ltd. as Wholly owned subsidiary Company and commenced AAC **Block** manufacturing with 2,00,000 m<sup>3</sup> capacity p.a at Kapadvanj near Ahmedabad.

2019

production capacity in Starbigbloc **Building Material** Pvt. Ltd. to 2,50,000 m<sup>3</sup> p.a.

Increased

2020

 Increased Capacity by de-bottlenecking at Umargaon plant to 3,25,000 m3 p.a.

 Joint Venture with SCG International Corporation Company Ltd. of Thailand

2021

by Commercialization of Phase 1 at Wada **Plant** making Acquisition of manufacturing land under JV capacity of 8,25,000 Company of cbm/pa

Increased capacity

2023

60,000 sq mtr for greenfield

expansion

2022

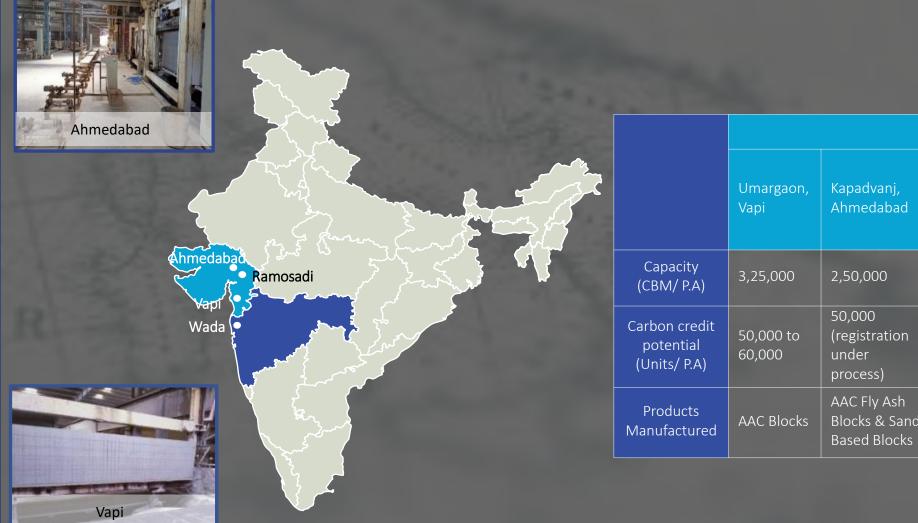
- Started operations at the JV plant with SCG at Ramosadi making our total manufacturing capacity 10,75,000 cbm/pa
- Increased capacity by Completion of Phase 2 at Wada **Plant** making manufacturing capacity of 13,25,000 cbm/pa

2024

1991-2012

# Manufacturing Facilities





		Existing				
		Umargaon, Vapi	Kapadvanj, Ahmedabad	Wada, Maharashtra (Phase I)	Ramosadi, Kheda, Gujarat (Joint- Venture)	Wada, Maharashtra (Phase II)
	Capacity (CBM/ P.A)	3,25,000	2,50,000	2,50,000	2,50,000	2,50,000
	Carbon credit potential (Units/ P.A)	50,000 to 60,000	50,000 (registration under process)	50,000 to 60,000 (potential)	50,000 to 60,000 (potential)	-
	Products Manufactured	AAC Blocks	AAC Fly Ash Blocks & Sand Based Blocks	AAC Blocks	AAC Blocks & ALC Wall Panels	AAC Blocks

# Sales & Distribution Strength





**Developers**Direct Sales to Marquee Developers



Cement Companies
Regular Clients like ACC & Ambuja



**Government**Supplies to the likes of CIDCO



Project Sales
Large Projects like Lodha Palava etc.
are directly marketed through
construction companies









Direct Developer Relationship Team More than 50% of the top 7 developers of Mumbai



Credit Profiling of Customers is done before supplies

# Marquee Clientele across Residential, Commercial & Hospitality





# Some Distinguished Projects Executed



BigBloc stands tall and apart is due to its ability to develop, hone and maintain long-lasting relationships with its clients by providing superior quality of sustainable environmental friendly AAC blocks.

Lodha Group



Palava Township; Spread across 4,500 acres, is a business and residential project that is an all encompassing and integrated smart city in Dombivali, Maharashtra; offering luxurious residences various compositions, along with experiences of premium entertainment and shopping, business.

Kanakia Group



Rainforest; Spread across 4.5 acres, is a residential project that offers luxurious 1, 2 and 3 BHK apartments in Andheri East, bv Mumbai. Inspired the rainforests, Amazonian this property is built amidst lush providing a greenery serene environment for nature lovers.

L&T



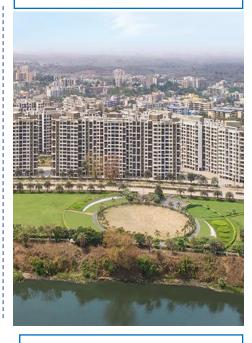
Crescent Bay; spread across 7 acres, is a residential project that offers luxurious 2, 3 and 4 BHK apartments in Parel, Mumbai. Touted as one of L&T Realty's most premium projects, Crescent Bay provides elegant solutions for modern families.

Lodha Group



World One; spread across 17 acres, is a residential project that offers luxurious 3, 4 and 5 BHK apartments in Lower Parel, Mumbai. With a height of 919 feet, the project boasts of being a 76-storey skyscraper in the heart of South Mumbai.

Regency Group



Regency Sarvam; spread across 68 acres, is a residential project that offers luxurious 1, 2 and 3 BHK apartments near Titwala, Maharashtra.



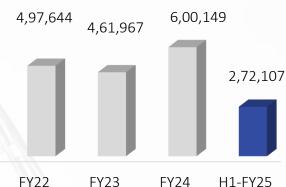
### **Manufacturing Process** Raw BIGBLOC Materials Cement 4. Raw Materials mixed D) AAC is shrink wrapped and placed Cake is ready on pallets to cut AUTOCLAVE A) Cake is cut into blocks or panels and waste is C) Cured AAC B) Uncurred AAC placed in autoclave under removed from autoclave recycled steam & pressure Slurry is poured **Precuring Stage** in mold E) AAC transport for shipping Mold will Returned or to storage area for Next stage Lintel 11. Mold Returns to 8. Mold is cleaned 9. Mold is Oiled 10. Mold is Closed mixer Block

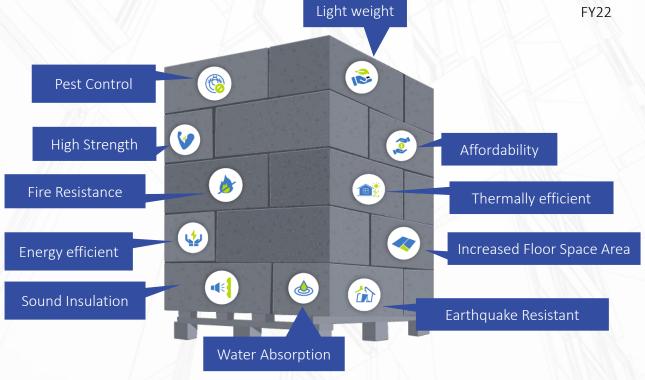
# Blocks of the Future - AAC Blocks



- AAC is a steam-cured mix of sand or pulverized fuel ash (PFA), cement, lime and aeration agent. The high-pressure steam-curing in autoclaves achieves a physically and chemically stable product where the density of AAC Blocks is 1/3rd of red bricks.
- AAC comprises myriads of tiny non-connecting air bubbles which give AAC its incredibly diverse qualities and make it a terrific insulator. AAC is a natural and non-toxic construction material, saves energy, and is friendly to the environment.
- NXTBLOC, AAC blocks are a superior quality building material that offer a unique combination of advantageous features like:

### Volume Data (CBM)





# AAC Blocks Vs. Red Bricks Price Trend of AAC Block and Red Brick 4,000 3.863 4,300 4.200 3,383 3,379 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 → AAC → Brick Source: Indiamart

#### WEIGHT:

AAC blocks weigh 600 kg/m3 as against Bricks which weigh 2,000 kg/m3 as a result it drastically reduces the dead weight of the building resulting in to reduction in steel and cement i.e. structural costs.

#### **REJECTION RATE:**

Rejection rate in Bricks is 10-15% higher than AAC. Also 9 Bricks equals 1 AAC block, therefore rejection rate is further lower for AAC

#### **COST & TIME SAVINGS:**

Putty work can be done without plaster in case of AAC resulting in cost savings. AAC also reduces air conditioning bills due to its excellent thermal insulation property. AAC wall construction involves 1/3rd the joints as it is 9 times the size of a clay brick, thus an overall savings in time and as a result labour costs.

#### SIZE:

AAC Blocks are available in various sizes with more carpet area available as compared to red bricks, additionally, Number of joints required while using AAC blocks is less than that of red bricks.

#### **ENVIRONMENTAL IMPACT:**

AAC does not consume top layer agricultural soil unlike Bricks. It also consumes significantly less coal and emits less CO2 as compared with Bricks. 65% of the raw material by weight is fly ash which is a waste for thermal power plants and has toxic effects

# New Initiative: AAC Wall Panels



- AAC wall panels (Autoclaved Aerated Concrete) panels are composite material consisting of cement, lime, and silica sand. These panels use two-way welded steel mesh as reinforcement.
- These panels are the next-generation versatile green building material that possess superior technical and functional advantages.
- AAC wall panels are used for external and internal non-load bearing walls, roof, floor etc. for commercial, industrial, and residential buildings.















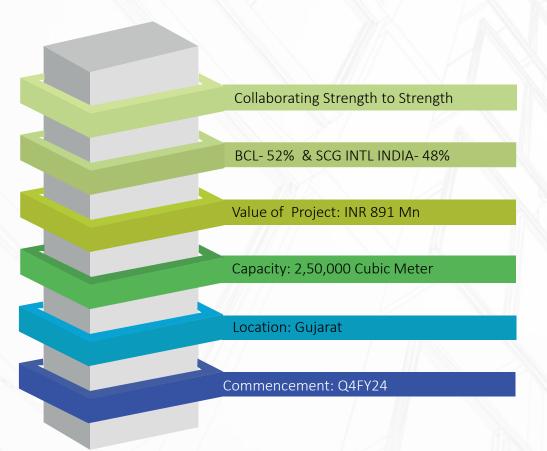


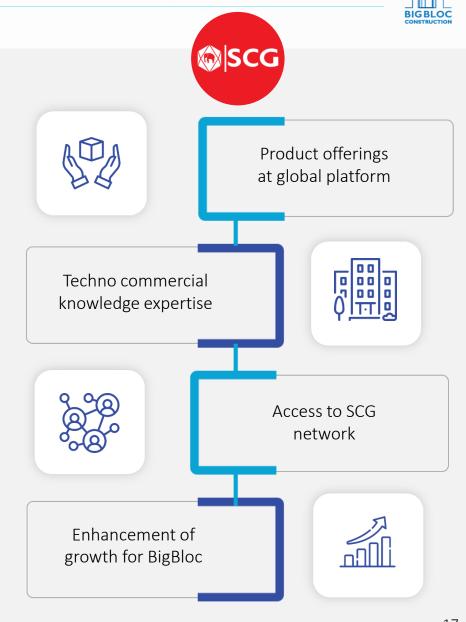




# An Invaluable Collaboration with Siam Cement Group

- In 2021, BigBloc entered into a strategic Joint Venture with Siam Cement Group (SCG) of Thailand with 48% holding with SCG and 52% with BigBloc.
- SCG, established in 1913 is one of the largest cement and building material companies in Thailand and Southeast Asia and ranks 2nd in 2021 Forbes list.
- The JV has commenced it operations in FY24 with an installed capacity of 2,50,000 CBM with collaborative marketing expenses.





# Sustainability at our Core



### **Sustainable Construction**



Sustainability by increasing the efficiency of resources used for constructing buildings & in sites as well as reduce the likely adverse impacts of real estate development on human health and the environment through better planning, design, construction, operation and maintenance.

### **Green Building**



Increasing awareness worldwide to the concept of 'Green Building', builders, architects and engineers are working towards constructing buildings that are designed in such a way that it can reduce the overall impact of the built environment on human health and the natural environment.

### Global Warming



Reduction of global warming caused by the use of traditional building materials also cause top soil erosion, thereby devastating the land's cultivation potential permanently by replacing it with AAC Blocks.

### Carbon Footprint



The carbon foot prints of NXTBLOC AAC blocks are considerably less compared to traditional walling materials (Per sq. ft. carbon levels: AAC blocks 2.13 kg of CO2, clay bricks 17.6 kg of CO2, concrete walls 14 kg of CO2).

**Environment Responsible Organization** 

# **Future Growth Strategies**



### Investments in Research and Development

Allocate resources for R&D to improve quality, innovate, and stay ahead of industry trends.

### Brand Building and Marketing Campaigns

Implement strategies to boost brand visibility, increase market share, and establish trust.

#### Talent Acquisition and Development

Recruit top talent and provide training to foster a skilled workforce driving growth and innovation.



#### **Expansion into New Geographical Markets**

Target regions with high sustainable material demand, use existing distribution, and form strategic partnerships for market entry.

#### **Product Diversification**

Develop new products to meet evolving customer preferences, enhancing portfolio and market competitiveness.

### **Customer Relationship Management**

Build strong customer relationships through exceptional service, personalized support, and ongoing communication.





# AAC Industry Scenario - Global & India



#### Global

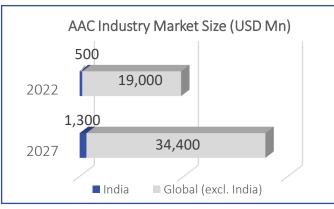
#### Market Size & Growth-

- Global market size (2022-23) stands around USD 19 bn (INR 1.5 lakh cr) and is poised to grow at 6.2% over the next 5 years
- Indian market size (2022-23) stands around USD 0.5 bn (INR 4,000 cr) and is poised to grow at 15-20% over USD 1.3 bn (~INR 10,000 cr) in the next 5 years
- In India, the demand of AAC block has grown immensely in the past few years which is still growing around 8-10% every year



#### **Future Outlook-**

 With environment protection amendments and rules becoming stricter, AAC will garner a central position in the global market in the near future



#### Indian



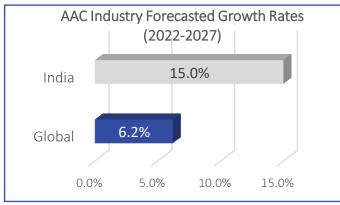
#### **Indian Construction Industry**

- Indian construction industry around INR 40 lakh Crore (FY22-23) growing at 12% CAGR
- After steel and cement, bricks/blocks, which accounts for a INR 50,000-crore market, is largely unorganized
- Clay bricks form the backbone of building material industry with 85% share while rest being Fly Ash bricks, concrete bricks and AAC blocks
- $\bullet$  India is estimated to have over 1,50,000 registered/unregistered brick kilns satisfying an annual demand of over 200 billion bricks



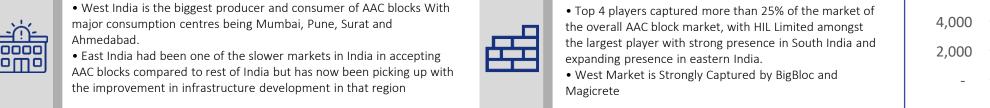
#### **AAC Industry**

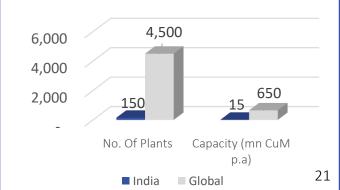
- AAC was a meagre INR 50 crore industry in 2008 and it has grown to about INR 4,000 crore in India (CAGR of 58%)
- Expected to reach —INR 8,000 10,000 Cr in the next five years at a CAGR of 15-20%
- There are more than 150 AAC block plants in India with total installed capacity Of around 12 million CuM p.a. (Cubic meter p.a.)



# Consumption Centres • West India is the biggest

#### **AAC Players**





### **AAC Growth Drivers**



# HEIGHTENED CONCERNS ON POLLUTION AND CLIMATE CHANGE IS LEADING TO RAPID GROWTH OF CLAY BRICKS SUBSTITUTES SUCH AS AAC BLOCKS

#### **ENVIRONMENT FRIENDLY PRODUCT**



- The major reasons behind growth of the market is shifting trend to light weight and green building construction.
- Increased emphasis on green buildings (LEED Ratings), use of recycled material for AAC production, and superior characteristics of AAC, in comparison to traditional building materials.

#### GOVERNMENT RESTRICTIONS ON CLAY BRICKS



- Red clay bricks are banned in few areas e.g. Gurgaon.
- In other areas, there are guidelines and directives like MoEF notifications issued in 2008 and 2013. Red Bricks was GST free, which came under GST in 2022.
- Many producers require Environmental Clearances (ECs) and Pollution Control Board clearance to operate clay brick kiln.

#### HOUSING FOR ALL (PRADHAN MANTRI AWAAS YOJANA)



- India's ambitious initiatives like "Housing for All by 2022" which is extended till 2024 and development of 100 smart cities will spur demand for efficient construction materials.
- Interim Budget 2024-25: In the Interim Budget 2024, the Finance Minister announced that 2 crore more houses will be taken up in the next 5 years. Under this scheme, the government is close to achieving the target of 3 crore houses.

#### **GOVERNMENT PUSH TOWARDS AAC**

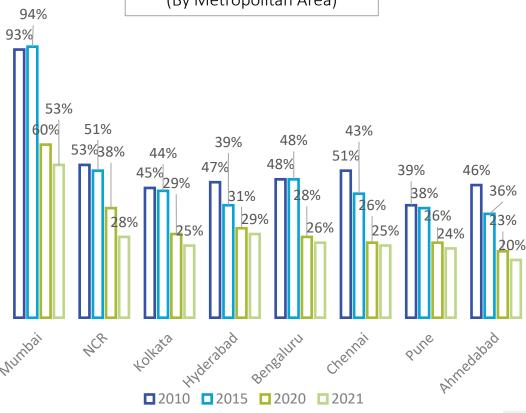


- Using fly-ash for bricks is mandatory in a 100 km radius around thermal power plants.
- Using fly ash bricks is mandatory for constructing government buildings in some states.
- Rules vary across the country but trend is to move towards substitutes of burnt red clay bricks.

#### Income to EMI Ratio:

A massive increase in affordability coupled with rise in disposable income offers tremendous future prospects.

Affordability Index for Housing (By Metropolitan Area)



Source: Statista 22

# AAC Bloc Industry: Key Features





#### Economics of an AAC plant setup

- An AAC plant of annual capacity 4,00,000 CuM requires an investment of up to INR 75 cr including land, machinery and civil construction cost
- An approximate land area of 10 acre is required for such a greenfield AAC plant
- To setup a plant, the average expenses incurred are: 1) 60% Plant & Machinery 2) 30% Building 3) 10% Land



#### Large players expanding

- AAC industry is largely organized. There are more than 150 AAC block manufacturing plants in India with total installed capacity of around 12 million CuM p.a. This is an average of around 1.5 lakh CuM p.a.
- Out of 70, top 10 companies account for around 50% with the next 60 accounting for balance 50% capacity.



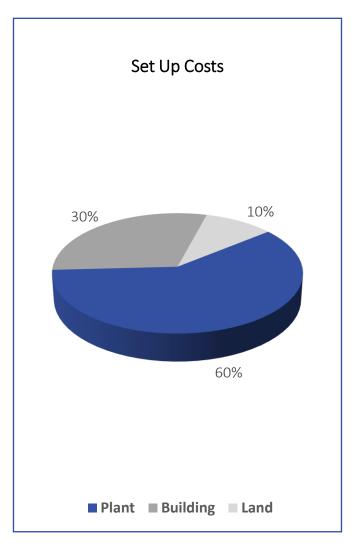
#### **Consumption Centres**

- The consumers include government supplies, real estate developers and individuals. Construction segment is the biggest consumers of AAC blocks.
- As catchment area is less, plants are setup near consumption centers i.e., majorly urban areas.



### Logistics limiting widespread adoption of AAC blocks

- Growth of AAC blocks industry can reach higher levels, but there are some bottlenecks in widespread adoption of AAC in India.
- The average selling price could be around INR 3,300-3,900 per CuM.
- Logistics is a major cost; could go up to 15%.
- As a result, any AAC plant can supply economically in a radius of ideally upto given freight cost but could also service upto 400 Kms (250 miles). This also limits the size of plants in a location.



#### **Working Capital**

Average working capital cycle is 2 months



# **Historical Consolidated Income Statement**



Particulars (INR in Mn)	FY22	FY23	FY24	H1-FY25
Revenue from Operations	1,752	2,001	2,432	1,032
Operating Expenses	1,481	1,500	1,871	859
EBITDA	271	501	561	173
EBITDA Margins (%)	15.47%	25.04%	23.07%	16.76%
Depreciation	59	61	103	63
Finance Cost	37	42	88	65
Other Income	6	8	41	17
PBT	181	406	411	62
Taxes	20	105	104	30
PAT	161	301	307	32
PAT Margins (%)	9.19%	15.04%	12.62%	3.10%
Earnings Per Share (EPS)	1.14	2.14	2.18	0.46

# **Historical Consolidated Balance Sheet**



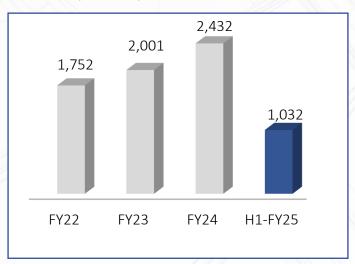
Particulars (INR Mn)	FY23	FY24	H1-FY2
EQUITY AND LIABILITIES			
a) Equity Share Capital	142	142	283
b) Other Equity	612	899	1,040
c) Non-Controlling Interest	17	45	124
Shareholders Fund	771	1,086	1,447
Non-Current Liabilities			
a) Long-term Borrowings	645	1,007	1,219
b) Deferred tax liabilities (net)	31	38	30
c) Other long term liabilities	7	10	10
Total Non-current Liabilities	683	1,055	1,259
Current Liabilities			
a) Short-term Borrowings	228	418	480
b) Trade payables	179	238	195
c) Other financial liabilities	1	2	2
d) Other current liabilities	31	42	40
e) Current tax liabilities	98	95	36
Total Current Liabilities	537	795	753
Total Equity and Liabilities	1,991	2,936	3,459

Particulars (INR Mn)	FY23	FY24	H1-FY25
ASSETS			
Non-Current Assets			
a) Property, Plant and Equipment	806	1,665	2,024
b) Capital WIP	410	184	165
c) Goodwill	54	54	54
d) Other Intangible Assets	2	4	4
e) Investments	4	5	7
f) Other Financial Assets	10	34	35
g) Other Non-current Assets	21	13	32
Total non-current assets	1,307	1,959	2,321
Current Assets			
a) Inventories	110	161	176
b) Trade Receivables	311	522	586
c) Cash & Bank Balances	17	8	130
d) Loans	99	27	41
e) Other Current Assets	147	259	205
Total Current Assets	684	977	1,138
Total Assets	1,991	2,936	3,459

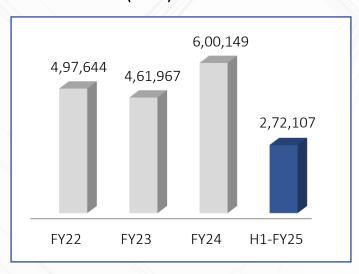
# Historical Consolidated Financial Performance



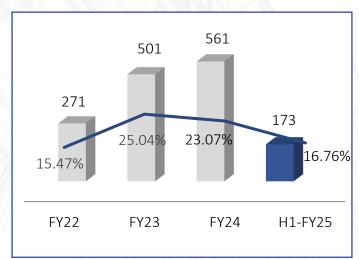
### Revenue (INR Mn)



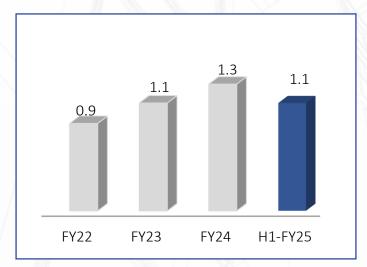
### Sales Volumes (CBM)



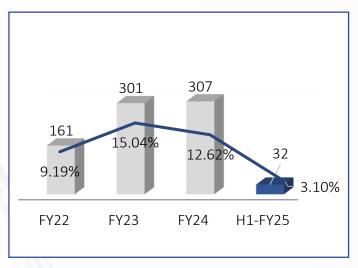
### EBITDA (INR Mn) & EBITDA Margins (%)



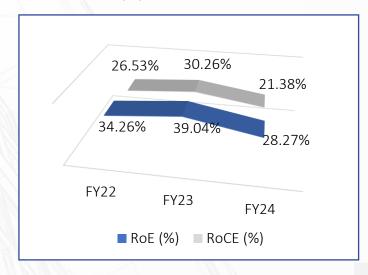
### Net Debt to Equity (x)



#### PAT (INR Mn) & PAT Margins (%)

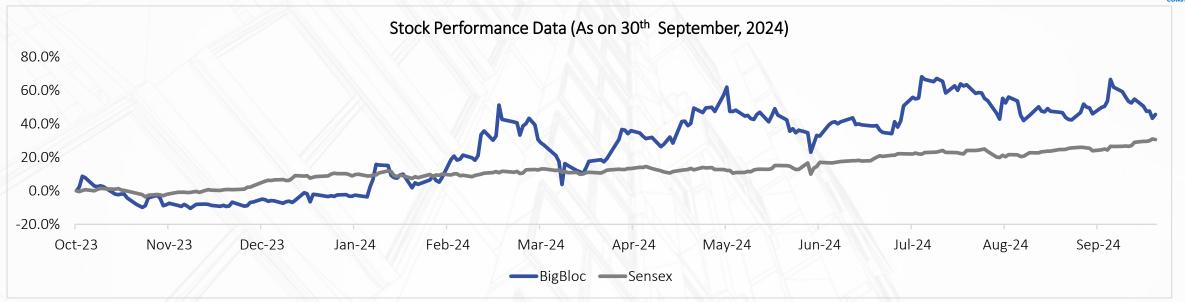


### RoE & RoCE (%)

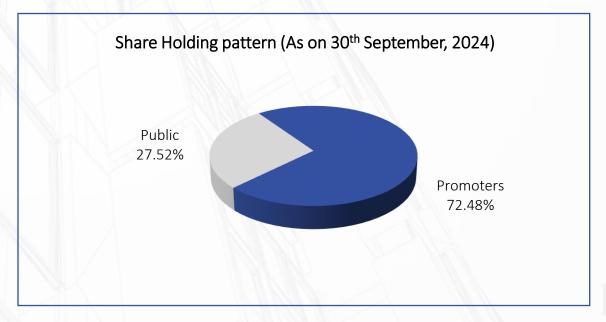


# **Capital Market Information**





Price Data (As on 30th September, 2024)				
Face Value	2.0			
CMP	120.3			
52 Week H/L	146.7 / 72.5			
Market Cap (INR Mn)	17,024.5			
No. of Share outstanding (Mn)	141.6			
Avg. Trading Volume ('000)	310.3			
Avg. Net Turnover (INR Mn)	66.4			



# Disclaimer



#### **BigBloc Construction Limited**

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