



### Safe Harbor



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### A Snapshot



- Engaged in the manufacturing of AAC (Aerated Autoclave Concrete) Blocks
- ❖ A member of INDIAN GREEN BUILDING COUNCIL
- Sells AAC Blocks under the Brand Name NXTBLOC, Block Joint Mortar Ready mix plaster & Tile Adhesive
- Reputed clients like Kanakia, Lodha, Mahindra Lifespaces, Raheja, Agarwal Group etc.
- Technically efficient to take up the leading position in AAC Blocks business with execution skills and business prowess
- Strong Balance Sheet
- Consistent Quality and Market reach
- Generating Carbon Credits
- Dividend paying Company since listing
  - Rs. 0.20/- per share in September, 2016
  - Rs. 0.25/- per share in November, 2016



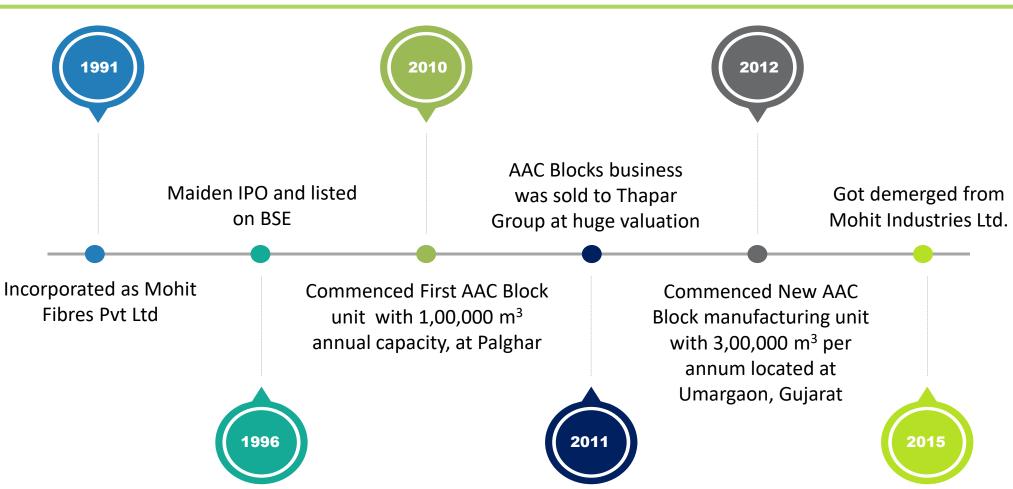
### CARBON CREDITS





### Our Journey





The only Listed Company in India solely focused on manufacturing of AAC Blocks



### **Board of Directors**



#### Mr. Narayan Sitaram Saboo, Director



- 30 years of experience in management and operation of Textile Business and 7 years of experience in AAC Block Business.
- Holds a degree of Bachelor of Laws (LLB)
- Providing industry wise leadership and Management strategy are his key area of expertise. He is actively associated with various social welfare and charitable trusts
- He is also a member of Surat Textile Association

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

- Experience of 20 years in Textile Business and 7 years of experience in AAC Block Business
- 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
- Wide experience in dealing with international companies and agencies

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

- · Qualified Chartered Accountant.
- Experience of 4 years in Corporate Taxation, Finance and Accounts
- Mr. Mohit Saboo is striving to build Bigbloc Construction Limited into a trusted corporate brand with total excellence

#### Mr. Manish Narayan Saboo, Non Executive Director

- Holds a degree of Masters in finance from Nottingham University, London
- Has more than 5 years of experience in AAC Block Business
- Has expertise in Company's financial planning, Credit Management, Strategic Management and is well aware about the International Market

### Mr. Rasheshbhai Dilipbhai Shah, Independent Director

- Aged 41 years, he is graduate in commerce
- 7 years of experience in field of transport activities and in field of spinning, weaving and finishing of textiles

### Ms. Payal Loya, Independent Director

- Aged 31 years, she has a diploma in Architecture
- 2 years of experience in designing of building

# Mr. Dishant Kaushikbhai Jariwala, Independent Director

- Aged 28 years, he is a chemical engineer
- 2 years of experience in the field of textile and designing of ornaments
- His expertise lies in graphic design and publishing system



# Management Team



#### Mr. Shailendra Dikshit, Associate Vice President

• 10 years of experience in overseeing improvements in manufacturing operations, new product development, on floor training and development, green field and brown field project implementation, energy conservation

#### Mr. Paritosh Gajjar General Manager (Marketing)

- More than 34 years of Experience in Sales & Marketing in Building Products Industry
- In charge of Formulation and implementation of sales plans and strategies for product ranges while ensuring their sales & profitability targets
- He is instrumental in new product development and successfully launching new products and building market share for existing products and also keeping the company in pace of the market.

#### Mr. Tejas Dhoot, Senior Executive

- Oversees production related tasks including planning, control and trouble shooting
- · Ensures adherence to quality standards and maintaining all related documents
- Streamlines efforts for process enhancement & improving operational methods
- Coordinates plant activities with the accountability for strategic utilization & deployment of available resources to achieve organizational objectives

#### Mr. Sambasiva Rao, Production Head

- A dynamic professional with 16 years of rich experience in Plant Operations, Production, Quality Assurance
- Functional expertise in handling the production operations with key focus on bottom line profitability by ensuring optimal utilization of resources
- Adept in managing production activities involving resource planning, in-process inspection, team building, materials management



# AAC vs Traditional Bricks



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 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
FLOOR SPACE AREA	Use of thinner blocks (6" instead of 9" exterior walls) because of its excellent water barrier & insulation properties leads to an increase in floor space area between 3-5%
TIME SAVINGS	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.
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
SIZE	AAC Blocks are available in customizable sizes unlike Bricks
PEST	Since AAC is made of inorganic materials it does not promote the growth of mould
PRODUCTION FACILITY	The production facility to manufacture AAC are state of the art whereas Brick production facilities have unhealthy conditions with toxic gases
TAX CONTRIBUTION	Production and sale of AAC Blocks contribute to the Government taxes in the form of Central Excise, VAT & Octroi unlike Bricks



### Benefits of using AAC



#### **Sound Proof**

AAC wall has an excellent Sound Transmission Class (STC) rating of 44

#### Floor Space Area

Use of thinner blocks (6" instead of 9" exterior walls) because of its excellent water barrier & insulation properties leads to an increase in floor space area between 3-5%



#### Thermal insulation

Reduces Air Conditioning cost by 30% by providing the highest thermal insulation in the industry. It keeps our warm air in summers and cold air in winters

#### **Earthquake Resistant**

Earthquake forces are directly proportional to the weight of the building, hence AAC shows excellent resistance to the earthquake forces. It has been proven to withstand wind loads of category 5 tropical storms



### Benefits of using AAC



#### **Pest Resistant**

Since it is made of inorganic minerals, it does not promote the growth of molds, as a result pests hate ACC

#### High Strength

High pressure steam-curing autoclaving process gives AAC unmatchable strength to weight ratio, higher than even M 150 concrete and it far exceeds the Indian Building Code requirements



#### Fire Resistant

Best in class fire rating of 4 hrs. The melting point of AAC is over 1600 degree Celsius, more than twice the typical temperature in a building fire of 650 degree Celsius

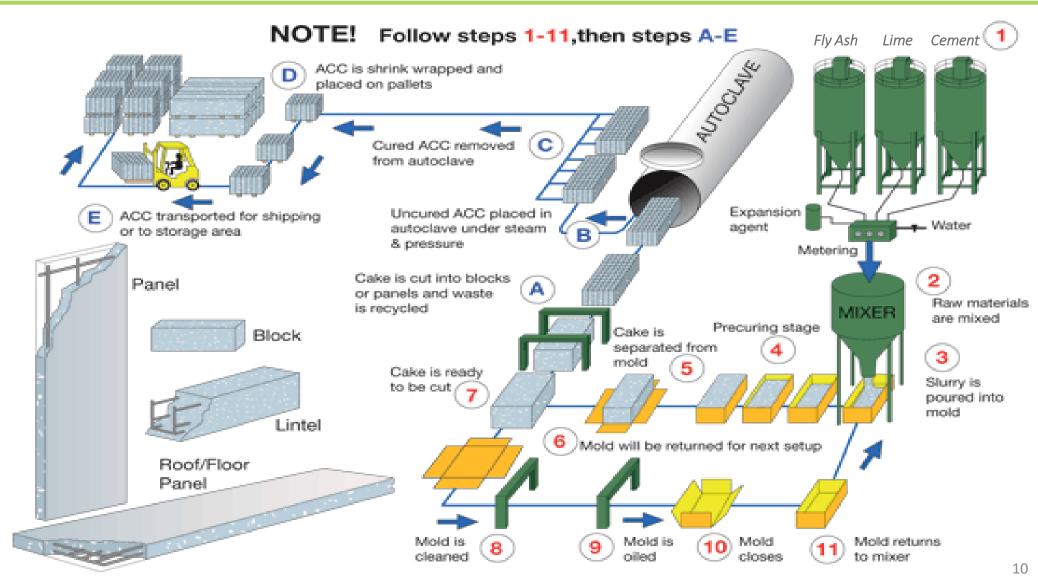
### **Energy Efficient**

AAC uses least energy and material per m3 of product. AAC uses fly ash unlike bricks which use precious top layer agricultural soil. It also happens to be the walling material of choice in LEED certified buildings



### **AAC Production Process**







### Strong Client Base









































# Marquee Projects





ROSA Group Royale



KANAKIA GROUP

Rainforest



RAHEJA Solitaire



World One



**REGENCY Group** *Regency Sarvam* 

....and many more



### Manufacturing Facilities

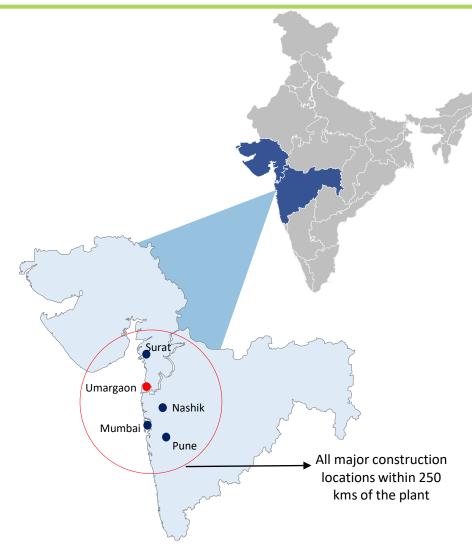


- The AAC block industry is only viable if the manufacturing facilities are located within ~250 kms from the client/place of construction
- Our Manufacturing Facilities are strategically located at Umargaon which caters to Mumbai, Pune & Surat which is where the major construction activities take place
- Our current capacity to produce AAC stands at 3,00,000 m³/annum
- Our plant can produce 35 truck loads/enough AAC blocks required for a 10 storey building in a day

Looking at the market demand & the current utilization levels, the Company has announced expansion plans at Umargaon & Bangalore



The Company plans to become the largest manufacturer of AAC blocks in India

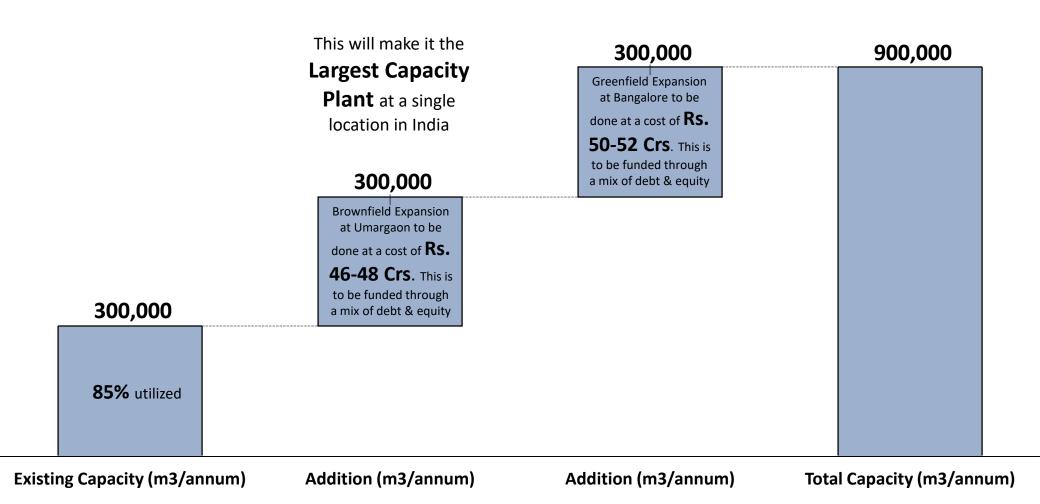


<sup>\*</sup>Map not to scale. All data, information and maps are provided "as is" without warranty or any representation of accuracy, timeliness or completeness.



# Capacity Expansion ... Tripling of Capacity





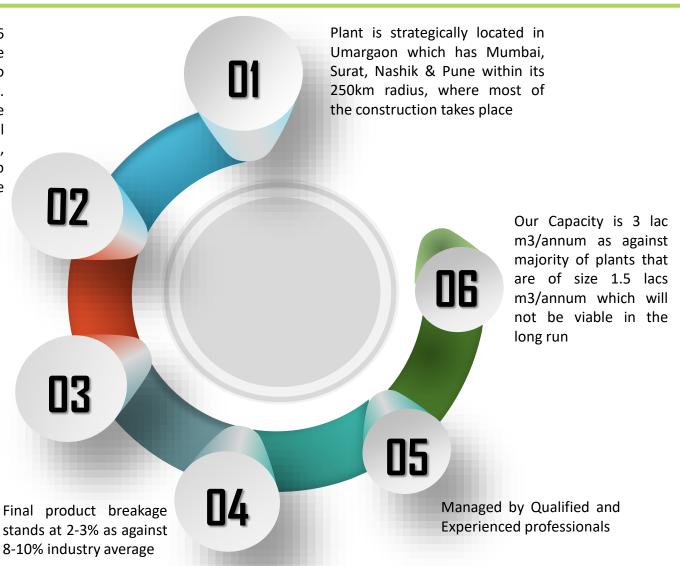


# Key Strengths



New Nargol port which is just 6 kms from our plant is to be commissioned soon leading to savings in transportation costs. Additionally it will lead to increase in demand due to new industrial and commercial set ups, construction of ports will also require AAC blocks in huge quantities

65% of the AAC Block by weight is fly ash. It is a by-product of coal combustion. Therefore AAC makes productive use of recycled industrial waste. It is also a raw material that is obtained at almost no cost





### Growth Drivers



Huge scope for growth since in India AAC's market share is only 3%

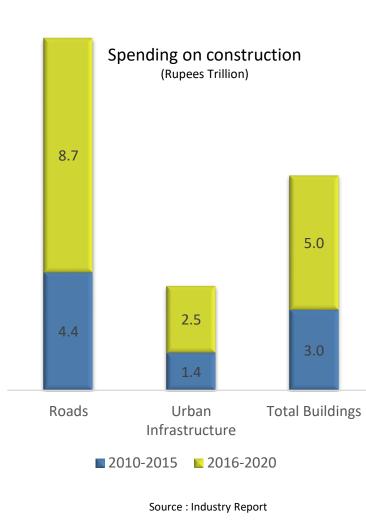
India's construction market is expected to reach USD 1 trillion by 2025, the third largest globally

Investment required by housing for all by 2022 is Rs USD 2 trillion

Restriction on clay based Bricks in major cities due to its environmental impact

Mandated govt. depts. and CPWD to use 100% Fly Ash based Bricks in their all constructions directly or through contractors

Falling interest rates & incremental economic growth

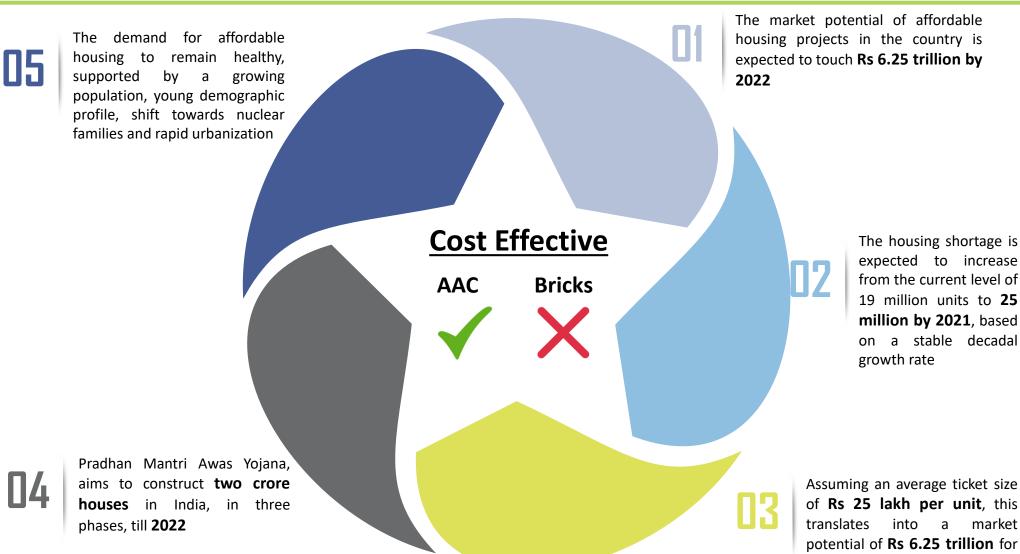




# Affordable Housing... A Huge Opportunity



affordable housing projects



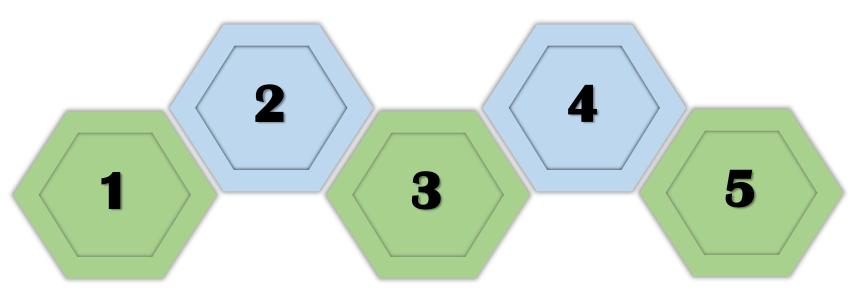


# Other Opportunities....



Our plant will be in a position to cater to the huge demand created by the construction of the Navi Mumbai Airport

GST will prove beneficial as the taxes would be implemented on Red Bricks which is a direct substitute and is currently a non-taxable item



The Mumbai Airport at Navi Mumbai will require huge quantities of AAC Block Our major sales is inter-state.

Implementation of GST shall
greatly benefit us

Majority of AAC blocks to Mumbai are supplied from Surat, but transport cost from Umargaon to Mumbai is cheaper, therefore there is visibility for our expanded capacity as demand from Mumbai is 1.5 – 2 lac cubic metres per month









### Statement of Profit & Loss



Particulars (Rs. lakhs)	Q3 FY17	Q3 FY16	Y-o-Y	9M FY17	9M FY16	Y-o-Y	FY16*
Revenue from Operations	1,619	1,538	5%	4,685	4,382	7%	6,035
Cost of Material Consumed	403	487		1,128	1,262		1,710
Purchase of Stock-in-Trade	21	2		40	2		3
Change in Inventories	68	-8		47	-133		69
Total Raw Material	491	482		1,215	1,131		1,782
Employee Expenses	140	208		483	484		653
Other Expenses	806	689		2,268	2,106		2,960
EBITDA	182	159	14%	719	661	9%	640
EBITDA Margin (%)	11.2%	10.4%		15.3%	15.1%		10.6%
Other Income	2	0		3	15		10
Depreciation	61	59		181	169		228
EBIT	122	100	22%	541	508	7%	422
EBIT Margin (%)	7.6%	6.5%		11.5%	11.6%		7.0%
Finance Cost	49	86		220	262		351
Profit before Tax	73	15	401%	321	246	31%	70
Tax	15	3		65	50		24
Profit After Tax	58	12	401%	255	196	31%	47
PAT Margin (%)	3.6%	0.8%		5.4%	4.5%		0.8%
EPS	0.41	0.08		1.80	1.38		0.33

\*Audited 20



### Balance Sheet\*



Particulars (Rs. lakhs)	As at 30 <sup>th</sup> Sep, 2016			
TOTAL SHAREHOLDERS FUND	2,288			
Share Capital	1,416			
Reserves & Surplus	872			
Share Capital & Premium pending allotment	0			
TOTAL NON CURRENT LIABILITIES	1,839			
Long Term Borrowings	1,506			
Deferred Tax Liabilities (Net)	328			
Other Non - Current Liabilities	5			
TOTAL CURRENT LIABILITIES	2,164			
Short Term Borrowings	1,298			
Trade Payables	516			
Other Current Liabilities	294			
Short Term Provisions	56			
TOTAL EQUITY & LIABILITIES	6,291			

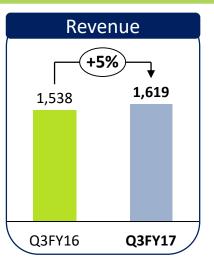
Particulars (Rs. lakhs)	As at 30 <sup>th</sup> Sep, 2016			
TOTAL NON CURRENT ASSETS	3,627			
Fixed Assets	3,536			
Long Term Loans & Advances	79			
Other Non - Current Assets	12			
TOTAL CURRENT ASSETS	2,664			
Inventories	473			
Trade Receivables	1,880			
Cash & Cash Equivalents	140			
Short Term Loans & Advances	171			
TOTAL ASSETS	6,291			

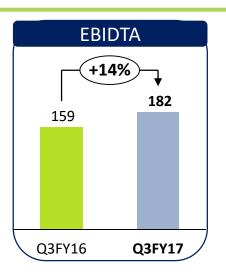
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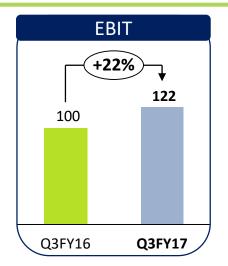


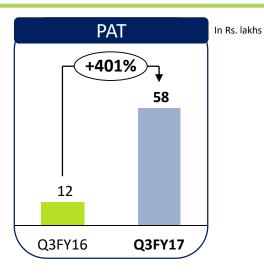
### Financial Highlights – Q3FY17

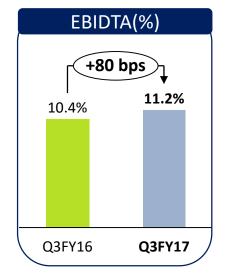


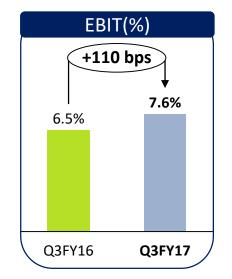


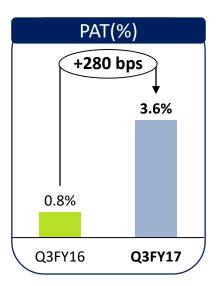








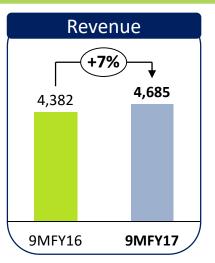


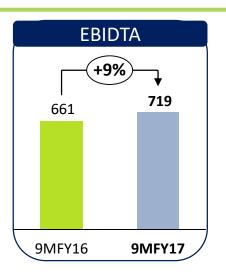


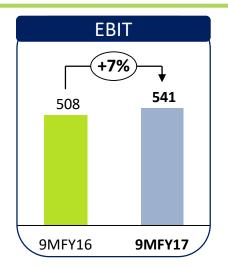


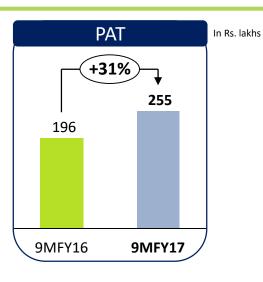
### Financial Highlights – 9MFY17

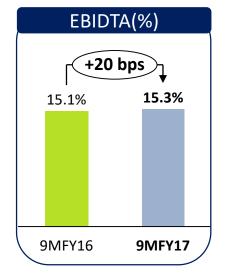


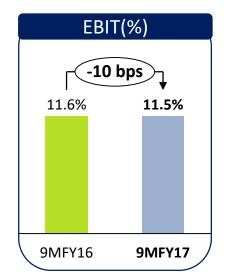


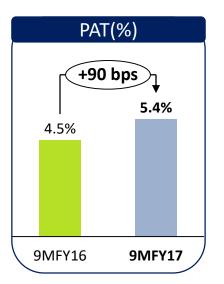
















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