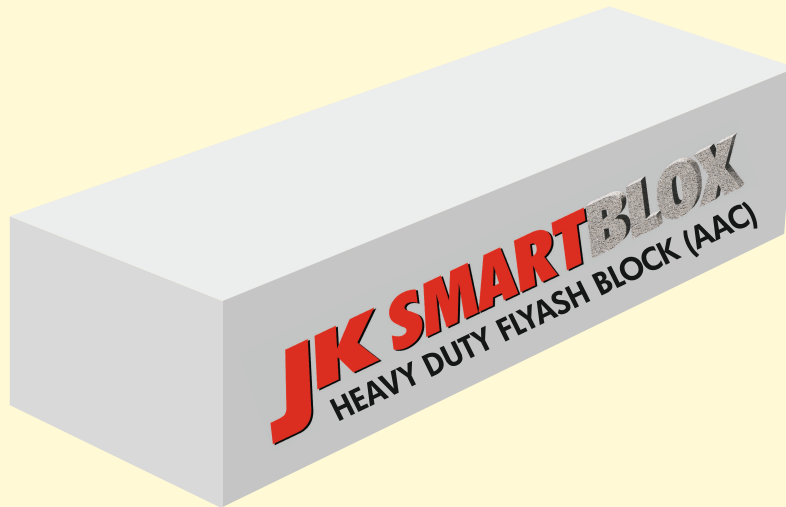




# JK SMARTBLOX

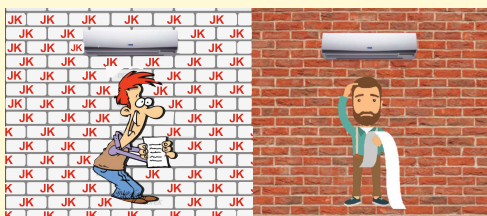
HEAVY DUTY FLYASH BLOCK (AAC)

## High Strength Block



### Speed Extra Strength Safety Savings

- ✓ Upto 3 times Faster Construction
- ✓ Extra Strength
- ✓ Over 20% Energy Saving & Cool
- ✓ Dimensionally Accurate
- ✓ Upto 15% Saving of Steel
- ✓ Three Times Lighter



Cool



Fire Resistant



Termite Resistant



Earthquake Safe



Moisture Resistant

**JK SMARTBOND**  
CEMENT MORTAR



**JK SMARTPLASTER**  
CEMENT PLASTER



For more enquiries:

Ph.: 9958980290, 9810993760, 9599934357, 9599935092

Customer Care : 18001025097



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## SPECIFICATIONS

Parameter	Unit	Values
<b>Size</b>		
Length	mm	600
Height	mm	250
Width	mm	100, 125, 150, 200, 225, 250, 300, 350
Oven Dry Density	Kg/m <sup>3</sup>	550-650
Compressive Strength	KGF/CM <sup>2</sup> (MPA)	50-60 (5-6)
Fire Resistance	Hours	2-6
Thermal Conductivity	W/m-k	0.1-0.2
Drying Shrinkage	mm/m	Max. 0.05
Sound Absorption	db	40-45 for 200 mm wall
Water Absorption Coefficient	Kg/m <sup>2</sup> xh <sup>0.5</sup>	4-6
IS Standards: IS: 2185 (III) - 1984		

## Block Size/ Weight

Thickness	Block Size (mm)	Block Volume m <sup>3</sup>	No. of Blocks m <sup>3</sup>	Block Weight Kg	Area of Block ft <sup>2</sup>
(4") 100mm	600x250x100	0.015	67	10	107.64
(5") 125 mm	600x250x125	0.019	53	12	86.11
(6") 150 mm	600x250x150	0.023	44	15	71.76
(8") 200 mm	600x250x200	0.030	33	19	53.82
(9") 225 mm	600x250x225	0.034	30	22	47.82

## Requirement of (Blocks+Mortar) for 100 Sq.ft.

100 Sq.ft. Block	Block (mm) 600x250x100	Block (mm) 600x250x125	Block (mm) 600x250x150	Block (mm) 600x250x200	Block (mm) 600x250x225
No. of Blocks	62	62	62	62	62
JK SMART BOND	0.92	1.16	1.40	1.86	2.09