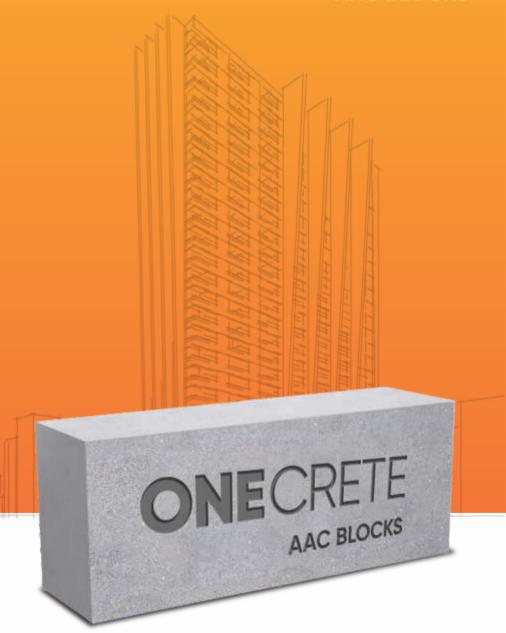


ONECRETE

AAC BLOCKS



ONE CRETE FEATURES











Exceeds the Indian building code requirements











DIMENSIONS

Sizes L x H x W	Volume CBM	No of Blocks (Per CBM)	Face Area (Per Block in Sq.Ft)
600 x 200 x100	0.012	83.33	1.32
600 x 200 x 150	0.018	55.56	1.32
600 x 200 x 200	0.024	41.67	1.32
600 x 200 x 225	0.027	36.23	1.32

COSTING

Parameter	AAC Block	Clay Brick
Total cost in constructionof 10'X10' wall (Inclusive of raw material& plastering cost)	Rs. 6,600/-	Rs. 12,000/-
Total Saving in 10'X10' wall	Rs. 5,400/-	NIL
No. of Blocks/Bricks per cubic metre	80 Blocks/Cum (625X200x100mm)	525 Bricks/Cum (225X75X100mm)
Total cost of Blocks/Bricks in construction of 10'X10' wall	74 Blocks of (625X200X100mm)	525 Bricks (225X75X100mm)
Price per blocks in 10'X10' construction	Rs. 55/- per block	-
Cost of block converted in to size of bricks vs per brick cost	Rs. 7.5 per brick	Rs. 11 per brick
Mortar cost per 100sft.	Rs. 900/-	Rs. 1750/-
Plaster	Only one side mandatory (other side direct gypsum plaster)	Both sides are Mandatory

AREA OF APPLICATION



Residential Buildings



Commercial Buildings



Industrial Buildings



Institutional Buildings



Add on Floors & Extension

COMPARISON

Parameter	AAC Block	Clay Brick
Structural Cost	Steel saving upto 15%	No saving
Cement Mortar for Plaster & Masonry	Required Less due to flat, even surface and less number of joints	Requires more due to Irregular surface and more number of joints
Breakage	Less than 2%	Average 10 to 12%
Construction Speed	Speedy construction due to its big size light weight and easy to cut in any size or shape	Comparatively slow
Quality	Uniform & Consistent	Normally varies
Fitting & Chasing	All kind of fitting and chasing possible	All kind of fitting and chasing possible
Carpet Area	More due to less thickness of walling material	Comparatively Less
Energy Saving	Approx. 30% reduction in air-conditioned Load	No such saving
Chemical Composition	Flyash used around: 65 to 68% which reacts with lime and cement to form AAC	Soil used contains many inorganic Impurities like sulphate etc. resulting in efflorescence

ONECRETE

NIRMAL BRICKS AND BLOCKS

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