

A d v a n t a g e s



Eco friendly

Cost Saving



Work ability

Termite Resistant



Moisture Resistant

Faster Construction



Less Weight

FLYASH BRICKS

SIZE : 225 X 100 X 75 MM
STRENGTH : 80kg /Cm²



This product is designed to use 65-75% of fly ash by blending and mixing of various materials using vibro press machine. Fly ash bricks therefore are of uniform in size and shape having high strength and offer good resistance to salinity and termite. Water absorption is less than 20% while in conventional red bricks it is higher.

ADVANTAGE : PERFECT FLYASH BRICKS

- 1 Compressive Strength 80 kg/Cm²
- 2 Smooth finish, Uniform size and shape, lighter in weight
- 3 Water absorption is less than that of conventional bricks.
- 4 Compact construction and consistent quality.
- 5 Available throughout the year. Consistent supply.
- 6 Good durability, no water seepage, resistant to salinity, termite, fire, alkaline attack and erosion. Around 10% saving in cement, number of bricks and sand due to uniform and perfect size of bricks.
- 7 Low permeability and better workability.
- 8 Exposed work can be done due to smooth finish and no weather effect.
- 9 Economical and cost effective
- 10 Above all an eco friendly technology. Environmentally sound and saves precious soil and coal, Uniformity in size, good quality, consistent supply and cost effectiveness will make you use FLYASH BRICKS always.
- 11 Totally engineering environmental product. No any chemically hazardous material used in manufacturing.

Comparative statement of Flyash bricks & Clay Bricks

SR No.	PARTICULAR	FLYASH BRICKS	CLAY BRICKS
1	Manufacturing Process	Machine molding and water curing in open area	Hand molding and air drying & burning
2	Raw material	Flyash, lime, zypsum, sand	Clay
3	Colour	Light grey, red	Red
4	Size	Uniform size with sharp right angle, edges 225x100x75 mm	Un-uniform in size and shape
5	Weight	3 kg./no.	3 kg./no (even under size)
6	Compressive strength	70 kg/cm ²	30 kg/cm ²
7	Dry density	1450 kg/m ³	1800 kg/m ³
8	Breakage	Less than 1%	More than 6%
9	Water absorption	Less than clay bricks	Higher
10	Nos. of bricks require for masonry work of one Cu. Mtr.	440 nos	475 nos
11	Cement mortar require for plaster as well as masonry work	5 to 7 % less because of uniform size and shape of bricks	More because of un uniform size & shape of bricks
12	Efflorescence	Slight	Moderate
13	Resistance to salinity	Good	Poor
14	Water seepage	Almost nil	Moderate
15	Erosion property	Nil	Erosion often seen at plinth level
16	Fire resistance	Better	Good
17	Resistance to termite	Good	poor

