METHRAS

CELL O CON

A Green Revolution For Future Buildings

CELL O CON
FLY ASH BRICKS &
HIGH DENSITY - FLY ASH BRICKS

A TECHNOCRAT'S QUALITY PRODUCT

- GERMAN TECHNOLOGY
- SCADA QUALITY CONTROL
- INNOVATIVE GREEN PRODUCTS

INDIAN GREEN BUILDING COUNCIL
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CELL O CON FLY ASH BRICKS & HIGH DENSITY - FLY ASH BRICKS

CELL O CON FLY ASH BRICKS & HIGH DENSITY FLY ASH BRICKS

CELL O CON Fly Ash bricks are lighter and stronger than clay bricks. Main ingredients include fly ash, water, lime or lime sludge, cement, and gypsum. Fly ash bricks are hi-tech, well-improved quality bricks used for the construction of brick masonry structures.

CELL O CON Fly Ash Bricks are used as a replacement for normal clay bricks and have better properties.

Fly Ash Bricks are competent in comparison to conventional clay bricks and provide enormous indirect benefits. The utilization of fly ash bricks results in conservation of natural resources as well as protection of the environment.

CELL O CON FLY ASH BRICKS - ADVANTAGES

Uniform size.
Require less quantity of cement mortar
Can be used as facing bricks.
External plastering with minimum thickness
Lower bulk density.
More resistant to salinity and water seepage.
Heat resistant.

CELL O CON FLY ASK BRICKS - SPECIFICATIONS		
Test Conducted	**Test Results**	**Test Method**
Density	1700 - 1850 Kg/m^3	Laboratory Method
Compression Strength	8 - 10 N/mm^2	IS3495 Part I
Water Absorption	10 - 14%	IS3495 Part II
Drying Shrinkage	<0.015	IS4139

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CELL O CON FLY ASH BRICKS - HIGH DENSITY

CELL O CON Fly Ash Bricks - HD (High Density) are stronger than all bricks & blocks. Main Ingredients include Fly ash, water, lime or lime sludge, cement and gypsum.

FAB - HD is mainly used below the basement, as it absorbs the water less than 10% and takes care of the basement / foundation and retains the earth load.

Also it absorbs less heat when compared with the clay bricks. Fly Ash Bricks used in : Basements, Lift walls, Multi floored building.

CELL O CON FLY ASH BRICKS - HD (HIGH DENSITY) SPECIFICATIONS

Test Conducted	Test Results	Test Method
Density	2000 - 2200 Kg/m^3	Laboratory Method
Compression Strength	20 - 35 N/mm^2	IS3495 Part I
Water Absorption	<10%	IS3495 Part II
Drying Shrinkage	<0.006	IS4139

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FLYASH BRICKS & HIGH DENSITY FLYASH BRICKS USED IN SITE

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Disclaimer: The Specifications and properties given in the brochure are as per the standards given in BIS for FLY ASH BRICKS & BLOCKS. The test results are in conformation with the specifications as per BIS, at the time of the laboratory tests.