



TECHNICAL SPECIFICATION OF INTERLOCKING BLOCKS

Conduit Block

Use: External walls/Boundary Walls/Load bearing constructions/Retaining Walls

Width	220 mm (8.66 inch)
Height	115 mm (4.5 inch)
Length	240 mm (9.5 inch)
Weight	11.5 Kg

Application Equivalent to three & half size conventional fired bricks.

Cored 6 inch Brick

Use: Internal walls/Boundary Walls/Framed Structure

Width	150 mm (6 inch)
Height	115 mm (4.5 inch)
Length	300 mm (12 inch)
Weight	8.5 Kg

Application Equivalent to three conventional fired bricks.

Cored 8 inch Brick

Use: External walls/Boundary Walls/Load bearing constructions

Width	200 mm (8 inch)
Height	115 mm (4.5 inch)
Length	300 mm (12 inch)
Weight	11.5 Kg

Application Equivalent to four conventional fired bricks.



BLOCK STRENGTH

The block strength is determined by nature of Soil, quantity of Cement and other materials used . The water curing after manufacture of blocks plays a important role in final compressive strength and quality of blocks. Please see downloads for testing results.

THERMAL QUALITY

It can be up to 2 times better than conventional brick masonry and 3 times better than cement block masonry.

WATER ABSORPTION

Good quality blocks can be made from the Eco Bricks machine and give up to 8% by volume as compared to bricks of 20% by volume.

BLOCK FINISH

Block finish is very good and compares even better than face brick finish. It provides option to keep the wall with or without plaster. In case of without plaster, the wall could be given a groove pointing / varnish / silicoat or tereline coat to protect against weathering effect.

CONDUITING

Conduiting can be done using Conduit blocks. Alternatively conventional chase cutting also possible.



ADVANTAGES OF ECO BRICKS OVER CONVENTIONAL BRICK/CONCRETE MASONRY

- Eco Bricks save on Mortar & Plaster cost
- High Finish Design & Aesthetics
- Faster Construction
- Simplicity of Use
- Cost Efficient
- High Quality Product
- Environment Friendly – No Burning of Bricks required
- Minimum mortar required
- Training and technical support
- Can be used without plastering
- Cored Bricks are Lighter than conventional masonry by up to 15%
- Suitable for earthquake resistant construction
- Local / Unskilled labour can be constructed
- Conduits / Plumbing possible