BUILD IT FASTER WITH THE



INTERLOCKING BUILDING BLOCK



Cheaper Quicker Easier Stronger More Accurate Cooler No Mortar Practical No Skills Required



Build a house to roof height in 3 days!!

The Full Block Mould



Full & Half Block Moulds



Why Use KwikBlox?

Cheaper:

Using Kwikblox is cheaper because they use <u>MUCH LESS CEMENT</u> than standard blocks and <u>DON'T REQUIRE MORTAR BETWEEN</u>
COURSES or between blocks.

No electricity, petrol or diesel is required in the manufacture, only local sand and cement.

Kwikblox are usually about 50% cheaper to produce than standard blocks.

Quicker:

Because they interlock and are just slotted into place. No time is wasted laying down mortar for each course of blocks and endlessly levelling blocks. Construction can be achieved in record time. A 3m x 4m room can be built to roof height in 1 day using four men.





Laying the Kwikblox (note Kwikgrip cement adhesive bonding the blocks together)

Easier:

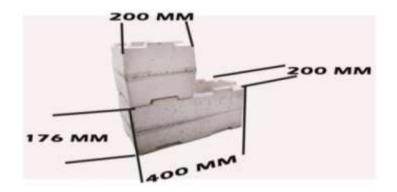
Laying each block into place takes seconds because they interlock. The only tools required for making blocks are a mould, a shovel (for mixing) and a builder's trowel (for finishing).

Stronger:

Because they are 'wet moulded', not dry moulded, like standard blocks. Kwikgrip bonding agent is used to bond the blocks together when building larger structures.

Much more accurate:

Each block is <u>exactly</u> 400mm x 200mm x 176mm, and they interlock extremely precisely with the next block, either in line or at right angles.



Cooler:

Each full block has two large air filled cavities which are natural thermal insulators, and also allow the warm air in the cavities to rise and exit the house.

Practical:

Electrical cable and plumbing is not chased into walls, but is led through the cavities in the blocks. These cavities may also be filled with an insulating foam or polystyrene granules for further insulation. No lintels required above doors/windows less than 1.5m wide.

No special skill required:

Once the training has been provided, people with limited skill could manufacture and lay these blocks.

On site manufacturing:

Blocks can be manufactured on site, eliminating the need for transport costs.

Kwikgrip Adhesive:

Kwikgrip is a white powder which comes in 1kg tubs. Mix 1kg of Kwikgrip with 1 bag cement and 1 wheelbarrow sand to form a 'sloppy' mix. Dip each block about 3cm into the mix before laying in place on the wall. This will bond the blocks together very strongly (see photos in gallery). 1Kg Kwikgrip will bond approximately 600 blocks.

Casting the block:

The mould must be well painted with old cooking or motor oil before pouring cement. After pouring, tap the mould frequently with a rubber mallet - or preferably use a vibrating table - to remove the air bubbles from the cement mix.





De - moulding the block:

Run the large steel washer between the edges of the moulds to break the concrete seal, gently twist the washer to separate the moulds. Remove one mould, then tap the other loose with the rubber mallet









Building with Kwikblox:



















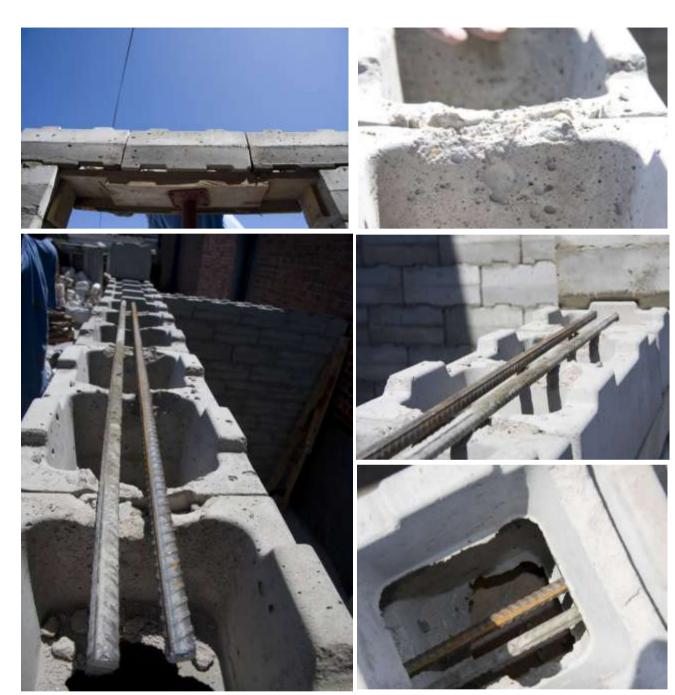














Building a House:











































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