

WHAT IS UBUNTU-BLOX? (RECYCLED BUILDING BLOCKS)



UBUNTU INFO PART 1

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WHAT IS UBUNTU-BLOX?

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Ubuntu is an African word with a rich meaning that encompasses cooperation, humanity, and group solidarity for survival in situations with scarce resources. It is a good name for a self-help technology that can turn a problem into a resource.

Inventor and welder Harvey Lacey of Dallas, Texas invisioned the press and system to build with trash in response to the housing crisis after the Haitian earthquakes. Owen Geiger provided advice about how to reinforce the wall. Harvey has been hard at work refining and promoting and teaching ever since.

See other files in the Ubuntu Block Info series also available online soon to learn more about building with Ubuntu blocks.

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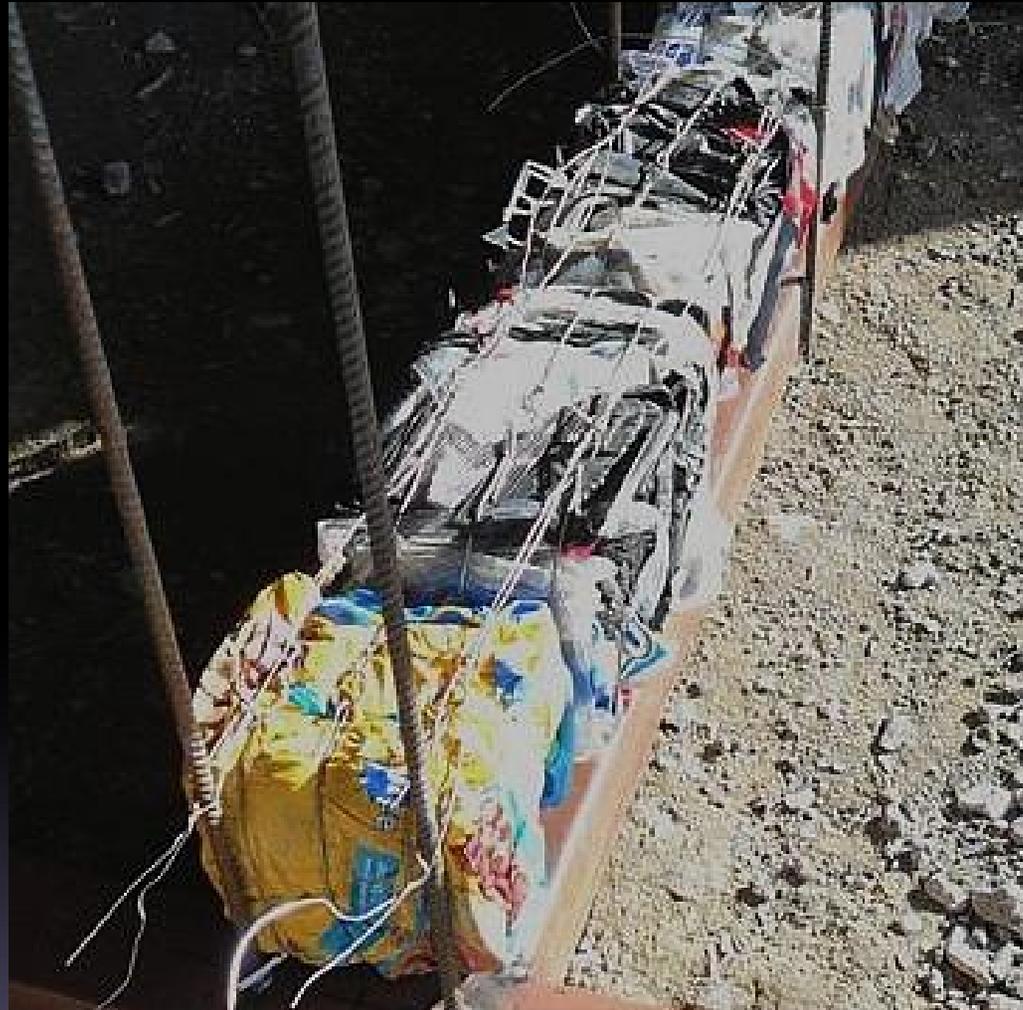
A STRONG & LIGHTWEIGHT BUILDING MATERIAL



**EARTHQUAKE-
RESISTANT
TERMITE PROOF
FLOOD-
RESISTANT
INSULATED**

STRUCTURAL BUILDING WALLS 8" / 20 CM THICK

STIFFENED
WITH WIRE
AND REBAR



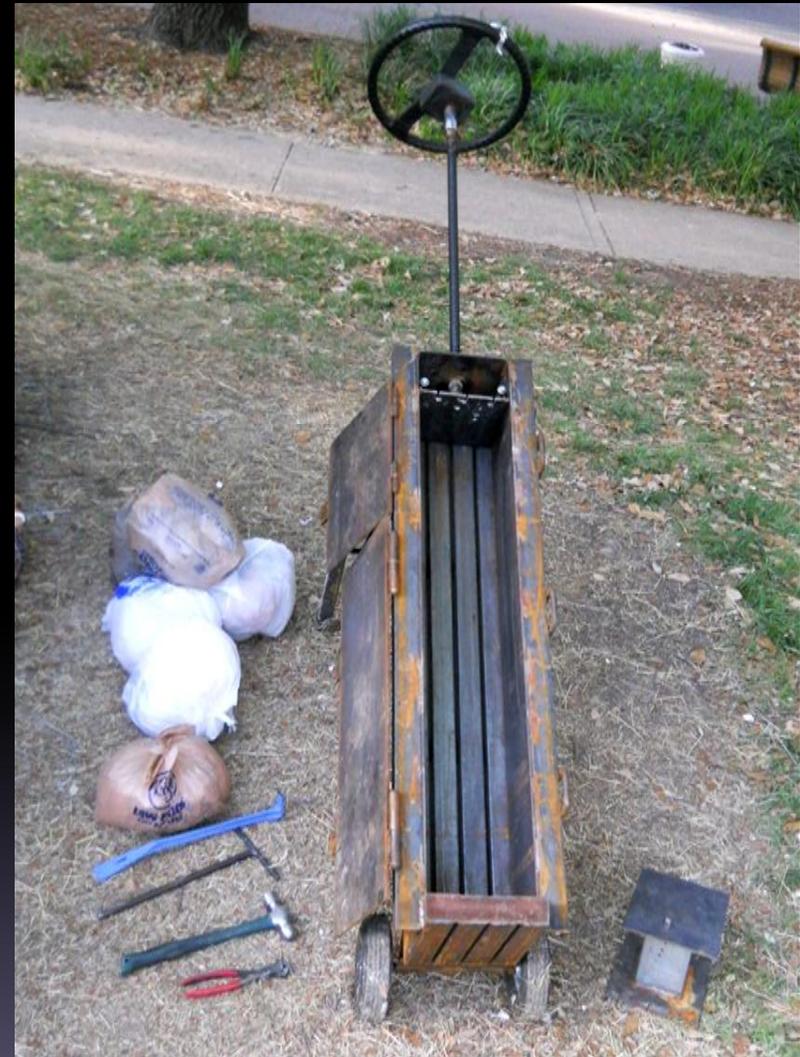
LIGHT WALLS SAFER ON SOFT GROUND



THAN HEAVIER
BUILDINGS—
LESS
EXPENSIVE
FOOTINGS
NEEDED

UBUNTU-BLOX TOOLS AND SUPPLIES

A HAND-OPERATED PRESS,
WIRE AND PLASTIC TRASH



TRASH IS AVAILABLE

TURN NON-RECYCLABLE PLASTIC FOAM AND FILM PROBLEMS INTO RESOURCES



MAKING UBUNTU-BLOX

PUT CLEAN PLASTIC TRASH IN BAGS OR TUBES



LOAD IN THE HAND PRESS
BALE BLOCKS WITH WIRE



BUILD WITH UBUNTU-BLOX

ANCHOR REBAR IN FOOTING
LAY BLOCKS



TIE BLOCKS TO WIRE
ADD REBAR EVERY 4 COURSES



GOOD COMPRESSIVE STRENGTH



A SINGLE BLOCK OF
RECYCLABLE MATERIAL
HELD UP
APPROXIMATELY 4,000
POUNDS

SAFE IN AN 8.3 MAGNITUDE EARTHQUAKE

THIS TEST HOUSE ONLY LOST SOME PLASTER AND ONE SHUTTER ON THE SHAKE TABLE AT 8.3



PROTECT FROM FIRE WITH STUCCO OR PLASTER



PROLONGED FIRE EXPOSURE COULD DAMAGE UBUNTU-BLOX

USE FOR A SINGLE STORY,
FOR BEDROOMS WITH GOOD EGRESS*



* IN A PROLONGED
FIRE UBUNTU-
BLOX MATERIALS
COULD RELEASE
TOXIC GASES OR
MELT

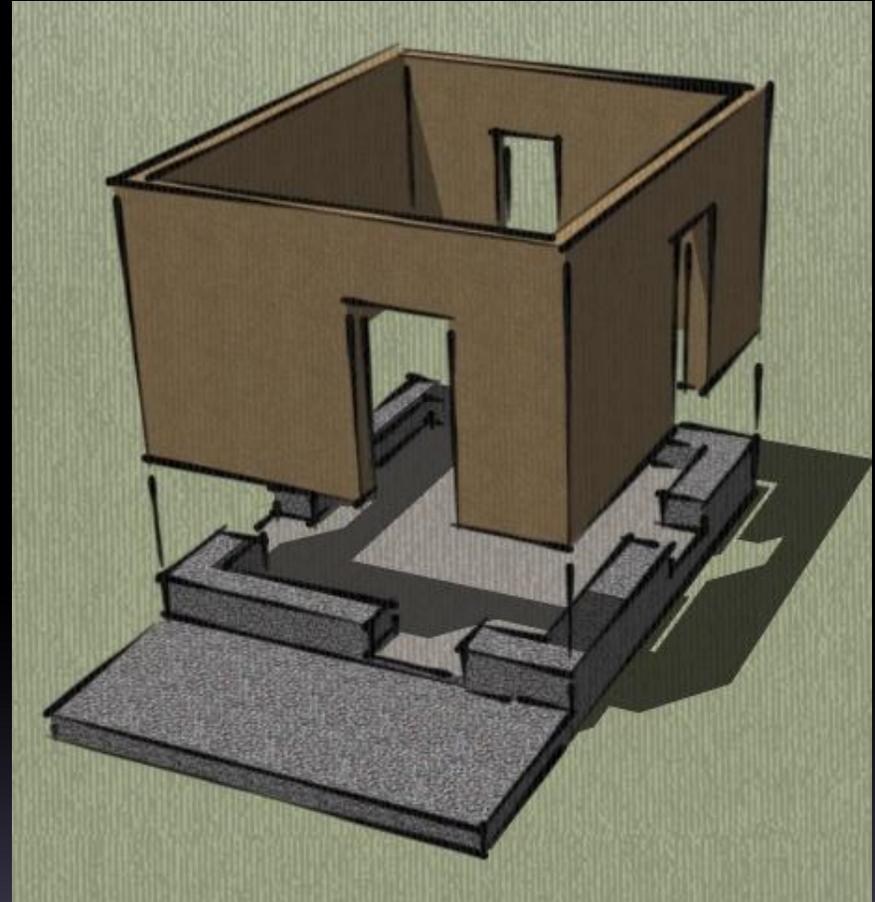
BUILD ON A NON- FLAMMABLE BASE WALL



IF PEOPLE COOK
INSIDE

HEAVY BASE UNDER UBUNTU-BLOX

**NON-FLAMMABLE CONCRETE
BLOCK, CEB, EARTH BAG
OR GRAVEL BAG CAN
ANCHOR FOR HIGH WINDS**



UBUNTU BLOCK

COMPRESSED PLASTIC TRASH

8x8x16 INCH / 20x20x40 cm



A BUSINESS AS WELL AS A HOME

AVAILABLE MATERIALS, EASY TO LEARN



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