WHAT ARE UBUNTU-BLOX?
(RECYCLED PLASTIC BUILDING BLOCKS)

UBUNTU INFO PART 1

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WHAT IS UBUNTU-BLOX?

UBUNTU-BLOX INFO PART 1

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 envisioned the press and system to build with trash in response to the housing crisis after the Haitian earthquakes. Owen Geiger designed the press and wall reinforcement. Harvey has been hard at work refining and promoting and teaching ever since.

Check out the latest developments at the Ubuntu-Blox Project on Facebook, [http://recycledplasticblockhouses.com/ubuntu-blox/](http://recycledplasticblockhouses.com/ubuntu-blox/) Links to videos, reports, reviews, and more information is available at BSI’s Ubuntu-blox page at [http://buildsimple.org/ubuntu-blox.php](http://buildsimple.org/ubuntu-blox.php) or contact Harvey at [ubuntublox@gmail.com](mailto:ubuntublox@gmail.com)

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A STRONG & LIGHTWEIGHT BUILDING MATERIAL

EARTHQUAKE-RESISTANT
TERMITE PROOF
FLOOD-RESISTANT

USUALLY HIGHLY INSULATED

UBUNTU-BLOX INFO 1: What are Ubuntu-Blox?
STRUCTURAL BUILDING WALLS
8” / 20 CM THICK

STIFFENED WITH WIRE AND REBAR
LIGHT WALLS CAN BE SAFE ON SOFT GROUND

LESS EXPENSIVE FOOTINGS NEEDED THAN FOR HEAVIER BUILDINGS—
UBUNTU-BLOX TOOLS AND SUPPLIES

A HAND-OPERATED PRESS, POLY CORD 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 CORD

UBUNTU-BLOX INFO 1: What are Ubuntu-Blox?
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

'DID NOT SUSTAIN ANY PERMANENT STRUCTURAL OR MECHANICAL DAMAGE' ON THE NTS SHAKE TABLE IN PLANO, TX
PROTECT FROM SUN AND 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-FIAMMABLE CONCRETE BLOCK, CEB, EARTHBAG OR GRAVEL BAG CAN ANCHOR FOR HIGH WINDS
UBUNTU-BLOX: A business as well as a home

LOW-COST, SIMPLE TO LEARN
Thanks to the many individuals and organizations that have backed Harvey Lacey’s Ubuntu-Blox development and testing:

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