

## GENERIC CONCRETE ART PROJECT MATERIALS

Prepared by Concrete Couch, November 2006

Tools and stuff for a generic concrete art project. You may need less stuff, or more, depending on the project, but this gives you the general idea! Often we do our projects with no power tools...its a great learning experience for kids, and its quiet!

### tools:

1 sturdy wheelbarrow

cordless drills w/ chargers

shovels (flat ended, spade, sharpshooter...one of each)

spud bar or similar

hand saws, for cutting small dimension wood (1x4, etc)

chop saw, for 2 x 4s...plus eye and ear protection ...or have a couple GOOD, sharp hand saws

jig saw or skill saw (for plywood)

hand tools including pliers and wire cutters.

Several white buckets, sponges.

Extension cord

### Materials:

Rebar: often scraps of various lengths will work. ¼", 3/8" and ½" are the most useful

Rebar tie-wire (one roll)...or whatever stoutish wire you can get.

Screws: 1 ¼", 1 ½", 2", 3" (drywall type is fine)

lots of scrap plywood (all sizes, 1' x 2', 6" x 4' ...weird shapes fine)

1 x 2, 2 x 2, 2 x 4, 2 x 6...short lengths are fine, you can always find in a dumpster!!!!

Scrap clay (white if possible, any kind). You can reconstitute if dried.

Plastic tarps...10 x 10s are good, but lots of smaller works too.

Form oil, or used motor oil, veggie oil, etc.

Duct tape

Rope or string (scraps are fine)

Drill bits, mostly 1/8"

### Concrete:

Sometimes you can get a hot batch (left-over) from someone else's delivery. Its often up to a ¼ yard, but you need to use it FAST! Good for underground foundations, etc.

You can use Readymix in bags, or mix Portland Cement with sand and gravel.

### Technique:

There are a zillion ways to make and use concrete! We use it a lot with kids...its easy, fun, and durable.

Generally your mix will be one part Portland with 3 or 4 parts sand or sand/gravel mixed.

We often build forms, and line the sides with clay which has been inscribed with patterns...the concrete can fill even tiny details (when properly mixed and vibrated in the form).

Experiment and have fun! Do easy projects first (underground foundations).