

03/2/18

SOIL call regarding Toilet Build

① lbs → kg question

Yeah, a mix-up btwn. the offices

② How thick should the walls be, on avg.?

~~2cm~~

2cm walls

2.~ would be ok

~~thickness~~

thickness @ top should be even w/ rest. make sure to build over lip to acct. for wooden slat base

③ How tight is the chicken wire supposed to be around the mold? - Have a flat line @ the top cut over top of toilet mold, so it can be level

↳ very tight, should be better w/ the new chicken wire - cross stick pattern will probably be visible in cement, but after finishing shouldn't be
- Thin layer everywhere 1st, then add thickness afterwards
- or, build up in rings

④ Do the nails/hinge for the front door go on while the cement is still wet?

↳ Put the door frame in b/c cement dries
↳ Can do everything while it's still wet

SIGNATURE

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DATE

DISCLOSED TO AND UNDERSTOOD BY

DATE

PROPRIETARY INFORMATION

Ratio of water, cement, sand.

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Don't mix cement all @ once

- looking for monkey bread consistency
- put 1/2 liquid in, then judge over time
- build bottom up

④ Do u stretch the chicken wire as you place on the mold?

Yes, that's how you get it on tight.

- Hook end of sheet to other end of sheet. This is where you'll pull / stretch the wire

⑥ How does the top wooden slab attach to the cement base?

↳ Don't attach plywood. All that is for is a guide 4 making the flat top.

- Cover surface with oil. Line edges w/ cement mixture. Flip toilet over and place on wooden slab to dry.

Put concrete on wooden.

In Haiti, it takes 4 hrs to

① Let the sides dry 1st. Take @ least 4 hrs.

↳ to ^{set} remove the mold
↳ we need more time to ^{set}

② After the sides are dry, ~~put on concrete~~ remove mold, flip over and attach to wooden slab/concrete. Leave upside down for another 4 hrs at least

③ 1/2 inch squares on chicken wire mesh (ours is too big!)

Use a little bit of sand to create texture to attach to the second piece

- No wooden piece goes on the toilet ^{permanently} anymore!

- Need to gauge a hole on the flat top so that the nails can fit before having it

SIGNATURE _____ DATE _____

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- Give it 4-5 hrs. Don't leave it for 8 hrs. _{max 6 hrs.}

⑦ Already answered

Other tips:

- Use ^{right amount of} water + run ~~thing~~ ruler or wooden slabs to ^{→ or flat surface} run across the top so that cement is smooth.
↳ don't apply too much pressure when smoothing, if not ~~the~~ concrete will push inward to chicken wire!