



I trimmed the inch border on the templates and taped them to the cardboard pieces to cut the slits accurately. Since I used triple wall cardboard I believe the scaling up for Slit Size may have been a little more precise in the end?

Assembly was a little tough due to the not so accurate scaling up of slit width. The final assembly had a little wobbly effect in the end.





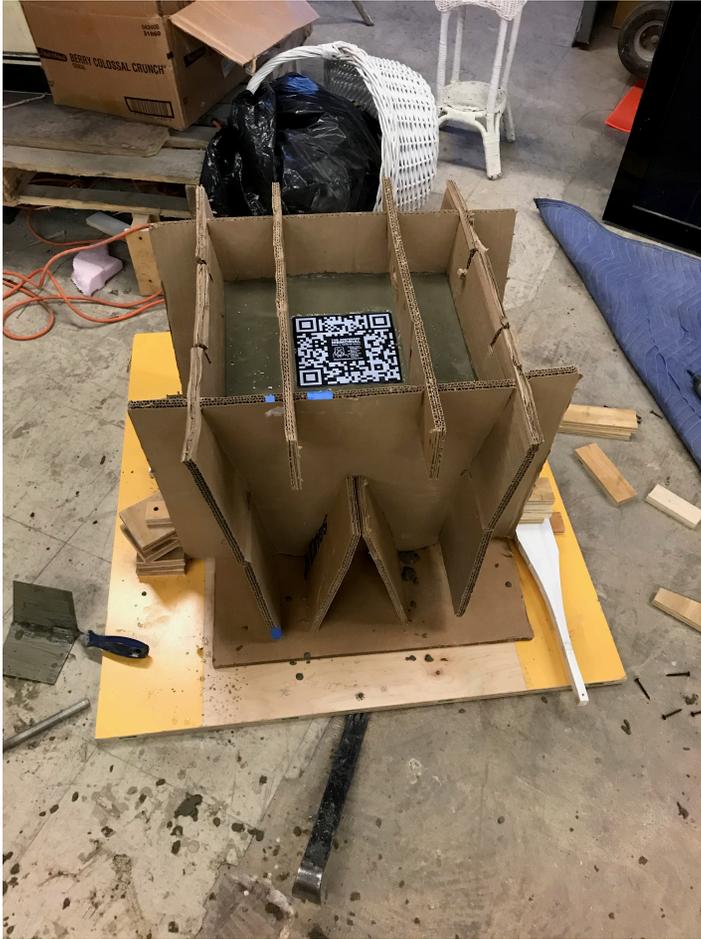
I added roughly the equivalent of a liter of the blue coloring powder, which apparently was just not even close to enough for the scaling up from the tests I did with coloring.

I tapped seams where there was a small gap or where I thought the liquid cement might cause warping





I wish I had given more attention to the direction that corrugation was running in when I cut the template pieces, maybe this is a note for future direction to have the corrugation running top to bottom for more support. When I added concrete to the form the small triangles that make the bottoms of the feet bvwed out and I had to brace them back to the correct angle with wood and screws. I think this is what made the warp on the one set of legs in the end? If I had to guess? I don't know why it only showed up on the one side though.



Pic on left, if you look closely, the corrugation is running top to bottom on this side of the form and this side was fine, I think it also had extra support due to how the form goes together.

Pic on right, the corrugation runs left to right and this is where I had the blow outs with the cardboard because it is weaker in this orientation





This is the blow out and how it looks as a result, I couldn't see how it displaced when I put the added supports in. Again, not exactly sure why it only happened on the one side



Blow
out pic
is on
the
right





The discoloring on the left image is from the packing taped seams, I haven't gone back with sand paper to clean it up but the material surface is much smoother where there was tape. You can also see in the left image how that displacement likely occurs on the template piece within the internal form, I will go back and inspect the corrugation direction and see if that answers my question of only one side being distorted. I think moving forward corrugation direction is important and you may not have noticed problems in the past if the participant making just took it upon themselves to set the direction or of course, there is a 50/50 chance that they just got it right by chance.





In the end, I think it turned out ok but doesn't meet my level of quality for 2 reasons. The dye didn't color and the warping due to corrugation direction. I could live with it but since I literally bought nothing except for the Quickcrete dye that I didn't use, I'd be happy to bust out another one. Now that I have walked through all the steps once, I feel like it'd go quicker but I'm also happy to call it done. I'd say burnt umber dye or black dye (charcoal or Quickcrete black) would be the best 2 options. Lemme know what you think! All in all it was pretty straight forward and fun. I'm making a couple other notes in the following slide.

-Maybe have suggestions for cutting out the slits. I used a jigsaw for the triple wall board because a utility blade would have taken forever and have been pretty difficult.

- The small boarder on the templates was a tiny bit confusing, and I figured out the proper measurement by lining it up and using the measurement sheet you sent along to make sure it was the proper distance working from the centerline. Maybe explain that the extra bit of boarder on the template paper pieces vcan be trimmed would make this a non-issue, or just eliminate that extra boarder all together.

-Center lines were not on all template paper pieces , not a big deal as I just found them myself by measuring.

-I would highly recomment paying attention to the corrugation direction for the tmeplates, I had a little breakage as well when putting the form together, and since there is a little stong arming the tighter parts when assembling, if I had the strength of the corrugation to work with I could have avoided brakage and most importantly the blow out in the concrete pouring.

-I used a centimeter ruler but any online converter I looked at gave rough numbers within a 1/16 of an inch which could throw assembly off quite a bit. Since you can just stick to a central measurement, I think working that out for all us inches and feet folks would be cool if someone doesn't have a centimeters ruler.

-The parts per for the dying agent could be a useful instruction to ask for someone to pay attention, this is my bad, as I should have gone a more official route, but just a thought. Most liquids use a method that is dissolving the coloring in water prior to mixing, and the powder in the one article I read didn't specify, so maybe this just needs another option?

