

4-Corner Glow

Build Instructions:

1. Gather all materials
2. Cut (2) 2x4 boards down the middle to create (4) boards 1.5" x 1.75" x 96".



3. From (1) of the 1.5" x 1.75" x 96" boards cut (2) boards at 44.5". Creating (2) boards 1.5" x 1.75" x 44.5"
4. From the remaining piece of the board in #3, cut two blocks 3" long.
5. Cut (1) of the 1.5" x 1.75" x 96" boards in half. Creating (2) boards 1.5" x 1.75" x 48"
6. Cut the 4' x 8' sheet of luan in half. Creating (2) sheets 48" x 48".
7. Assemble the support structure for the course as show on Sheet A of the Drawing.
 1. Note: We used screws and glue for this task. We also had to pre-drill the holes so we didn't split the boards



8. Apply the skin to the support structure as shown on Sheet B of the Drawing. We used glue and nails for this step.



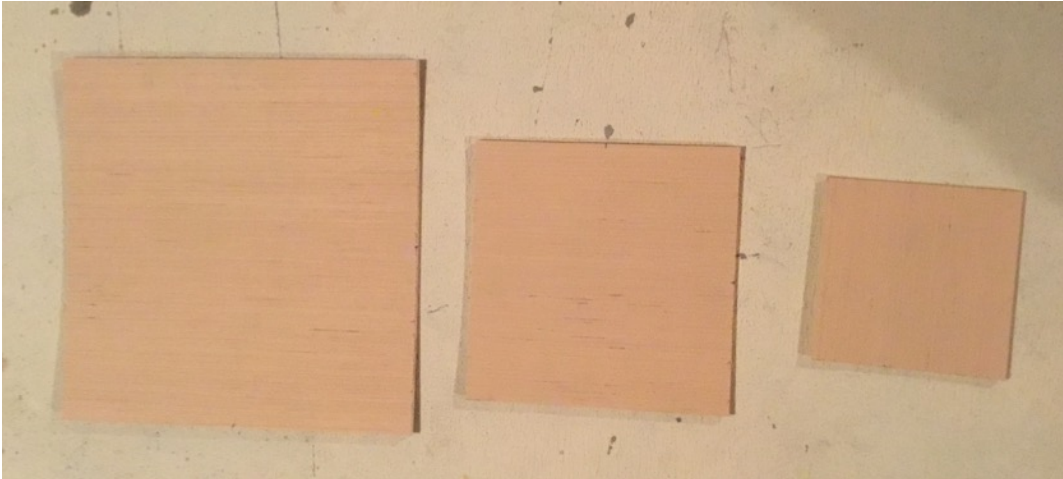
9. Cut the slot in the skin as shown on Sheet B of the Drawing. We used a dremel and a sanding disk in a drill.
 1. Note: The skin could be applied in pieces making this step unnecessary.
 2. Note: As you can see from the photos, we installed the side walls prior to cutting the slot. The side walls ended up being in the way part of the time, so we recommending cutting the slot now.



10. Cut the (3) 1" x 4" boards into the following lengths: (2) at 48" and (2) at 49.5".
11. Assemble the side walls as shown on Sheet C of the Drawing. We used glue and screws for this step.

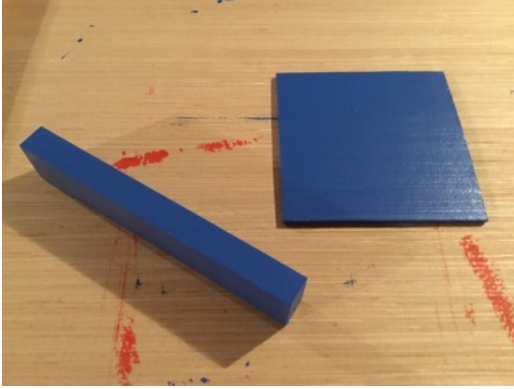


12. From the remaining luan material cut the following squares: (1) 12" x 12", (1) 8.25" x 8.25", and (1) 5.75" x 5.75".



13. Mark and Drill (5) $\frac{1}{2}$ " diameter holes as shown on Sheet D and E of the Drawing.
 1. NOTE: DRILL A $\frac{1}{2}$ " DIAMETER HOLE IN ONE BLOCK ONLY!
 2. Only the smallest square gets a hole.
 3. Note: Drilling these holes now will eliminate the need to touch up the paint like we had to...
14. From the remaining 1" x 4" boards cut (3) 1.5" x 8" walls
15. Paint the course, walls, blocks, and squares (not the white square). Dimensions for the course colors can be found on Sheet F of the Drawing.
 1. Note: The block with the hole is red. The block with no hole is green.
 2. Note: The tape used to mask the paint areas peels more cleanly if removed before the paint has fully dried.

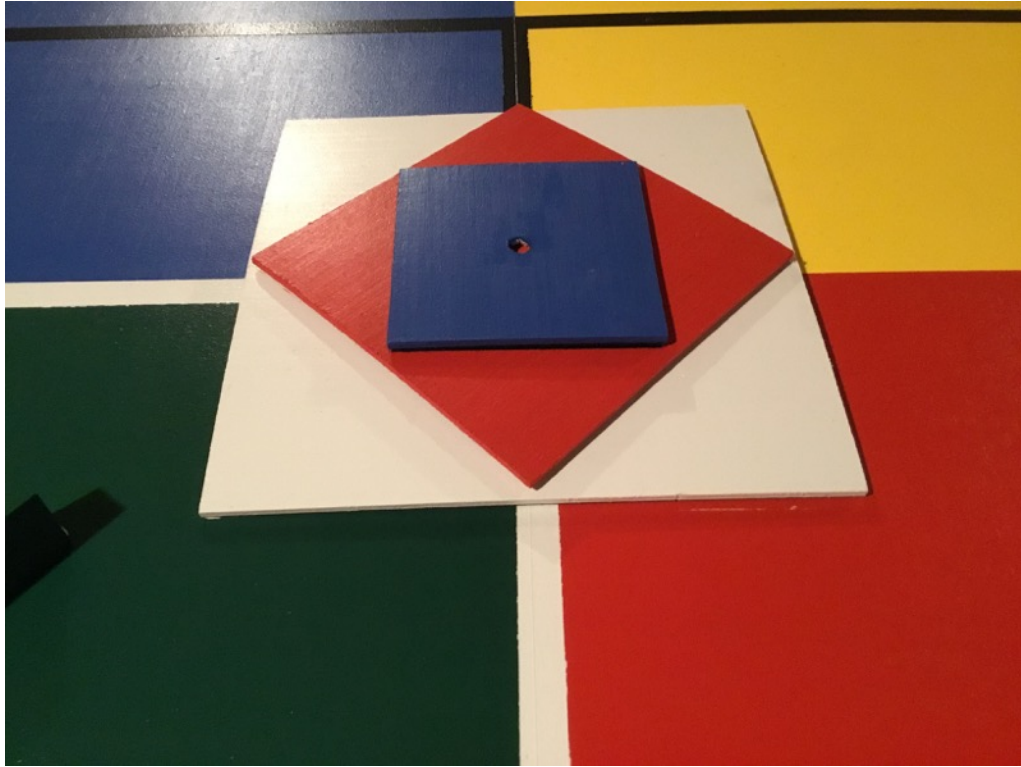




16. Mask and paint the black and white course lines as shown on Sheet F of the Drawing. Paint the large square white at this time as well.



17. Install the walls and blocks at this time as shown on Sheet D of the Drawing. We glued these in place.
18. Drill a $\frac{1}{4}$ " hole through the green block. In the center of the $\frac{1}{2}$ " hole in the course skin.
19. Using Velcro attach the (3) squares to the center of the course as shown on Sheet E of the Drawing.



20. For course functionality, drop a golf tee into the $\frac{1}{4}$ " hole location.