



ELASTOCRETE

LIMITLESS CONCRETE

## **ElastoCrete™ Pressed Countertop Instructions**

1. Create Template of surface to be made.
2. Reverse template on pouring surface.
3. Trace template
4. Using template create backer that is  $\frac{3}{4}$  of an inch smaller than template on full perimeter
5. Backer should consist of double thickness of one sheet of 1/2MDF + one sheet of 7/16" OSB or similar material with staggered joints glued and/or stapled together. MDF should contact Face to Concrete.
6. Use Red Guard or a contact cement to coat backer on edges and face that will be in contact with ElastoCrete™
7. Place form edge and any sink cut outs.
8. Cut fiberglass mesh using form edge as cutting guide.
9. Use 3-inch overlap when seaming fiberglass mesh.
10. Coat placement surface including all edge material with ElastoCrete™ Release.
11. Pour liquid Stabilizer in mixing container.
12. Add 20 oz. of water
13. Add cement bag
14. Add any desired integral color
15. Add desired sand
16. Mix thoroughly.
17. Check consistency. Mix should be dough like consistency. Add diatomaceous earth or Stabilizer Liquid (up to 4 oz.) as necessary to thin or thicken.
18. Mix coloring Technique. Many different methods and techniques can be used to add color and give variation to the mix before and during placement of the mix.

19. Place material by pressing the material out to about 1/4 of an inch. This is best accomplished by starting at one end of the piece being made and pressing small handfuls of material out. About golf ball size of dough is the easiest amount to work with at a time. Work in a veining fashion.
20. After placing material. Place fiberglass mesh lightly working it into the surface of placed material using a textured grout trowel, or by hand.
21. Then do another 1/4<sup>th</sup> layer of material. You can do it in the same manner as above or you can pour an additional 1/4<sup>th</sup> of self-leveling mix on top of the 1/4<sup>th</sup> already placed. Use coloring to match existing mix. Seat the pre-primed backer board sandwich (osb/mdf) working it into the surface.
22. Cover with damp beach towels (damp NOT WET.) Do not cover with plastic.
23. Wait until placed piece releases from form surface. This should be about 8-9 hours
24. Screw transit rail to backer board with screws
25. Flip piece over let cure. Do not cover with plastic
26. Grind to preferred exposure. We do 1-30 grit metal cut pass, 1-50 grit resin pad pass, 1-100 grit resin pad pass.
27. Blow off piece to clean out pores, and pin holes.
28. Mix grout.
29. Apply grout using a drywall taping knife or a stiff squeegee, work into pinholes, then knife off tightly.
30. Depending on if you use the quick grout or the overnight grout. Wait 45 min for the quick grout and at least 8 hrs. for the overnight grout.
31. Remove grout using 100 grit resin pad or 100-grit wet sand paper with a DA sander. This can be done wet or dry.
32. Light wash with water with our surfactant solution.
33. Rinse with water
34. Dry
35. Let dry thoroughly for 20-30 minutes minimum.
36. Mix sealer and apply sealer.