



Surfboard Laminating Process Checklist

Materials:

- Fiberglass
- Resin
- Additives (Additive F / MEKP / Surfacing Wax / Styrene)
- Pigments or Tints
- Clean Mixing Bucket / Cup
- Clean Mixing Stick
- Gloves
- Clean Resin Spreader / Squeegee
- Tape
- Scissors
- Razor Blade (if Cut Lapping)
- Plastic or Wax Paper to Place Wet Resin Tools On
- Logos Cut Out and Ready
- Sanding Block and Sandpaper



Free Lap Process:

- 1. Roll out fiberglass on bottom of board**
- 2. Cut 2" from nose and tail**
- 3. Flatten glass on board for no wrinkles**
- 4. Cut glass outline (~1 1/2"+ lower than the rail)**
- 5. Relief cut nose and tail**
- 6. Pull off any loose fibers from fiberglass**
- 7. Roll or fold glass up to place logo on foam**
- 8. Mix resin, additives, and color if any**
- 9. Laminate logo and roll glass back down**
- 10. Laminate bottom**
- 11. Check for dry spots**
- 12. Scrape loose glass strands off deck and let them hang**
- 13. Line up short glass strands along lap line**
- 14. Check for air bubbles or dry spots**
- 15. Let cure**
- 16. Sand lap line flush or push down into foam**

Deck Lamination: Same as above but 2 layers of fiberglass and:

- Cut first layer 1" short of nose and tail end and to midpoint of rail**
- Place logo between bottom and top layers of glass**

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Cut Lap Process:

- 1. Scribe cut lap line on deck**
- 2. Tape off cut lap line**
- 3. Flip board to bottom**
- 4. Roll out fiberglass on bottom of board**
- 5. Cut 2" from nose and tail**
- 6. Flatten glass on board for no wrinkles**
- 7. Cut glass outline (make sure it extends over tape on deck)**
- 8. Relief cut nose and tail**
- 9. Pull off any loose fibers from fiberglass**
- 10. Roll or fold glass up to place logo on foam**
- 11. Mix resin, additives, and color if any**
- 12. Laminate logo and roll glass back down**
- 13. Laminate bottom**
- 14. Check for air bubbles or dry spots**
- 15. Let cure for ½ hour+, check resin firmness to cut**
- 16. Remove board from racks and cover rack stand pads with wax paper (wear gloves)**
- 17. Place board deck side up on glassing stands**
- 18. Cut lap along tape with razor and peel off deck**
- 19. When cured, push lap line down into foam or sand flush**

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