

CLASS III COMPOSITE PLACEMENT & FINISHING

1. Select shade for the restoration using shade tabs.
2. Do a trial build-up with the selected composite materials and get approval from the patient if the restoration is in an esthetic area.
3. Remove build-up material.
4. Place the rubber dam.
5. Pumice, wash and dry teeth.
6. Protect adjacent tooth with matrix band.
7. Apply etching solution to enamel and dentin for 20 sec.
8. Wash for 10 sec and air dry. Check for chalky white appearance to the etched enamel
9. Apply bonding agent (Optibond Solo) with applicator.
10. Gently air dry to remove the solvent.
11. Light cure for 20 sec.
12. Apply composite from facial or lingual (surface with greatest access).
13. Remove excess and contour.
14. Apply pressure to matrix band on lingual (facial) with finger to form lingual (facial) contour of restoration and limit excess.
15. Check to see excess material has been pushed toward facial (lingual). Add material as needed and remove excess and contour.
16. Wrap matrix around facial (lingual) surface.
17. Cure for 40 sec.
18. Remove matrix band.
19. Examine from lingual, facial and incisal to verify that proper contours have been established with a little excess to allow for finishing. Add composite as needed.
20. Remove excess and establish contour on lingual with C379F (football shape) finishing bur.
21. Remove gingival excess and establish correct gingival and lingual embrasure form with #12 blade.
22. Remove gingival and incisal excess and establish correct gingival and facial embrasure form with #12 blade.
23. Remove excess and establish contour on facial with medium Sof-Lex discs.
24. Place wedge to gain separation.
25. Smooth and polish proximal contact and embrasures as needed with finishing strips going from coarse or medium to X-fine.
26. Evaluate the restoration for proper contours, surface finish and marginal integrity. Modify as required to obtain proper margins and contours. If minor surface defects appear they can be corrected by following the following procedure.
 - a. Remove the defective area with a small (1/2 or 1) bur.
 - b. Clean by etching with acid.
 - c. Wash and dry.
 - d. Apply bonding agent.
 - e. Light cure.
 - f. Finish surface.
27. Remove rubber dam.
28. Check occlusion, both centric and excursive, with articulating material and adjust as need with the C379UF finishing bur.

29. Give patient postoperative instructions.
- a. Care for the restored tooth like the rest of their teeth with normal home care to include brushing and flossing.
 - b. They can eat and drink normally after the anesthesia wears off. They should avoid biting into very hard object as the restoration might break. (The restoration is about as strong as the patient's natural tooth structure.)
 - c. They might experience some minor discomfort of the tissues around the restored tooth due to the irritation of the gingival wedge and the finishing of the gingival marginal area.
 - d. The restoration might appear slightly too translucent after removal of the rubber dam. This is due to the desiccation of the tooth, which makes it appear more opaque. The tooth will re-hydrate in a few hours and the shade should be acceptable.
 - e. If they experience any problems, such as the bite does not feel comfortable, they should call to have the problem corrected.