

## CLASS II COMPOSITE RESTORATION PLACEMENT & FINISHING

1. Matrix application
  - a. Try-in the wedge and adjust as required
  - b. Remove the wedge.
  - c. Place the Palodent matrix band.
  - d. Place the wedge and firmly insert with the amalgam condenser.
  - e. Evaluate for proper seal with a sharp explorer.
  - f. Place the ByTine ring.
  - g. Burnish to form proper contours and contacts.
2. Etch the enamel for 20 seconds.
3. Thoroughly wash and air dry. Check for proper etch of the enamel as indicated by the chalky white appearance of the enamel.
4. Etch the dentin for 5-10 seconds
5. Thoroughly wash and lightly air dry.
6. Blot away the excess moisture.
7. Apply the bonding agent and lightly air dry.
8. Light cure for 20 seconds.
9. Apply the light cured flowable composite to the gingival, axial and occlusal walls. The thickness of the flowable composite should no exceed .5 mm.
10. Light cure for 20 seconds.
11. Apply composite and adapt it to the facial and lingual walls. At this time there should be not be more than a small amount of composite connecting the facial and lingual composite.
12. Light cure for 40 seconds.
13. Apply composite to form the proximal contact and occlusal morphology. Remove the excess from the accessible margins.
14. Light cure for 40 seconds.
15. Remove the occlusal excess with the C375F finishing bur.
16. Remove the lingual and lingual gingival excess with the #12 blade.
17. Form the lingual and occlusal embrasures with the #12 blade.
18. Remove the facial gingival excess with the #12 blade.
19. Form the facial and gingival embrasures with the #12 blade.
20. Accentuate and smooth the occlusal morphology with the 7801 finishing bur.
21. Smooth and polish the occlusal surfaces with the medium and fine Ultradent points.
22. Polish the occlusal with the polishing brush.
23. Smooth the facial and lingual surfaces of the restoration as you remove the marginal excess with the medium Sof-Lex disc
24. Polish the facial and lingual surfaces with the fine Sof-Lex disc.
25. Smooth and polish the gingival margin and gingival embrasure with the course, medium, fine and X-fine finishing strips.
26. Do the final polish of the facial and lingual surfaces with the X-fine Sof-Lex disc.
27. Evaluate the restoration for proper marginal finish, occlusal and proximal contours and surface finish.
28. Remove the rubber dam.
29. Evaluate the occlusion with articulating material.
30. Adjust the occlusion as required with the C375UF finishing bur.

31. Apply surface sealant.
  - a. Etch
  - b. Wash and dry
  - c. Apply sealant
  - d. Cure
32. 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.
  - 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. If the bite does not feel comfortable they should call to have the occlusion adjusted as this could cause the failure of the restoration.