



### Only Porcelain / No Metal Exposed

1. Bevel porcelain to obtain increased surface area I obtain a chamfer margin if it is a lab fabrication.
2. Etch porcelain with 9-12 % hydrofluoric acid for 3 minutes. Do not allow acid to contact gingival, enamel, dentin, or adjacent restorations.
3. Rinse thoroughly and apply silane-coupling agent.
4. Apply unfilled bonding resin I light polymerize if final restoration is a directly placed composite / **Do not cure if an indirect restoration is to be placed.**
  - For a direct restoration / add composite, contour, cure and finish.
  - For a indirect restoration / follow procedures for cementing porcelain veneer

### With Metal Exposed

1. Bevel porcelain as above / etch with 9-12% hydrofluoric acid for 3 minutes. Do not allow acid to contact gingival enamel, dentin, or adjacent restorations. Rinse and dry.
2. Micro-etch metal with mini sandblaster to remove oxide layer and roughen metal surface for increased bonding.
3. Apply silane to all porcelain surfaces to be repaired.
4. Apply bonding primer to all surfaces / light cure if recommended.
5. Apply metal opaquer to exposed metal with brush or dycal instrument / cure 20 seconds.
6. Place composite resin, light cure, finish and polish.