

## Technique Guide



**1 PRE-TREATMENT**  
Follow dental lab or restoration manufacturer's directions for pre-treatment of the intaglio surface of the restoration, if required.



**Note:** Phosphoric etching of available enamel recommended. Conditioning of dentin is optional.

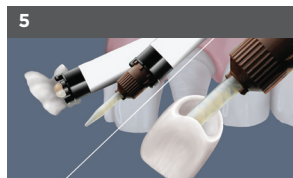
**2 APPLY ADHESIVE TO TOOTH**  
Apply Prime&Bond active Adhesive to all cavity surfaces. Avoid pooling. No need for Self Cure Activator when Prime&Bond active adhesive is used with Calibra Ceram Cement. Slightly agitate adhesive for 20 seconds.



**3 AIR DRY**  
Thoroughly dry with moderate air flow for at least 5 seconds.



**4 LIGHT CURE - 10 SECONDS**  
Special instruction for use with light transmissible crowns only: Light curing of applied Prime&Bond active Adhesive may be accomplished right after seating restoration with cement. See step 9.



**5 APPLY CALIBRA CERAM CEMENT**  
Dispense and discard a small amount of material from the dual-barreled syringe. Attach mixing tip. Apply a thin, uniform layer of cement to the entire intaglio surface of the restoration.



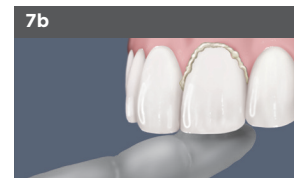
**6 SEAT RESTORATION**  
Protect restoration from contamination and movement until the final set of the cement (5 minutes from start of mix or completion of light curing).

## Technique Guide Cont'd



**7a CLEAN UP EXCESS - OPTIONAL DUAL CURE**  
Briefly light cure cement at the margins by constantly moving the curing tip around the margins for no more than 5 seconds per surface (buccal/oral). Excess cement will reach a "gelled" state after this brief cure. Excess cement will remain in the "gelled" state for approximately 45 seconds following light exposure.

-OR-

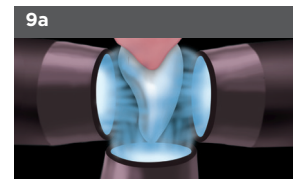


**7b CLEAN UP EXCESS - SELF CURE**  
Excess cement will reach the "gelled" state after approximately 1-2 minutes in the mouth, allowing easy removal. *NOTE: Cement within the crown has not yet set. Do not move, torque, or disturb the crown during cleanup.*



**8 REMOVE EXCESS CEMENT**  
Protect restoration from movement during the gel phase cleanup through the final set.

## Calibra® Ceram Adhesive Resin Cement

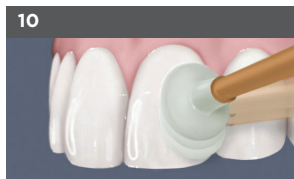


**9a LIGHT CURE FOR LIGHT TRANSMISSIBLE RESTORATIONS**  
Once cleanup is complete, light cure all areas of the restoration for 20 seconds from each direction - buccal, lingual, and occlusal.

-OR-



**9b SELF CURE AND DUAL CURE FOR NON-LIGHT TRANSMISSIBLE RESTORATIONS**  
For zirconia-based, metallic, thick or heavily opaqued ceramic or composite, once cleanup is completed and restoration is stabilized, allow Calibra Ceram Cement to self cure without disturbing for 5 minutes from start of mix. Following all excess removal, exposed margins may be light cured 20-40 seconds to assist restoration stabilization.



### **FINISH & POLISH**

Removal of resin flash is best accomplished with the Enhance® Finishing System and polish using Enhance® PoGo® Polishing System (see complete Directions for Use).

## Calibra® Ceram Adhesive Resin Cement

### **Additional Technique Tips**

- For Feldspathic Porcelain, Leucite-reinforced Ceramic, Lithium Disilicate Ceramic, Zirconia-reinforced Lithium Silicate: Etch the bonding surfaces with hydrofluoric acid and use Calibra Silane Coupling Agent on intaglio. For zirconia, metal restorations apply Prime&Bond active™ Adhesive to the intaglio surface of the restoration.
- For light transmissible restorations, when used with Prime&Bond active Adhesive, light curing of adhesive can be done after seating the crown.
- For excess cement cleanup, monowave output LED lights with a single peak output around 470nm are recommended. High power, dual or broad spectrum lights may cause premature hardening of excess cement. Check curing light effect on mixed cement prior to clinical use.

## Cementation Tips

**CEREC® Zirconia**  
Translucent Zirconium  
Oxide Block

**Celtra® Duo**  
Zirconia-Reinforced  
Lithium Silicate (ZLS)

Step	CEREC Zirconia	Celtra Duo (ZLS)
Try-In	<ul style="list-style-type: none"> <li>Try-In for crown fit</li> <li>Clean with an ultrasonic or steam cleaner or with alcohol</li> </ul>	<ul style="list-style-type: none"> <li>Try-In for crown fit and shade selection</li> <li>Clean with an ultrasonic or steam cleaner or with alcohol</li> </ul>
Pre-treatment	Sandblast	Use Hydrofluoric Acid
Prime	No need for zirconia primer	Use Calibra® Silane Coupling Agent
Bond	No need for an adhesive	Apply Prime&Bond active™ Adhesive (to tooth only)
Cement	<ul style="list-style-type: none"> <li>Use conventional cements or Calibra® Universal Cement.</li> <li>For enhanced retention, use Calibra® Ceram Cement.</li> </ul>	Use Calibra Ceram Cement. For Celtra Duo (ZLS) (fired) on retentive preparation Calibra Universal Cement may be used.



## Cementation Technique with Calibra® Ceram Cement for Celtra Duo (ZLS)

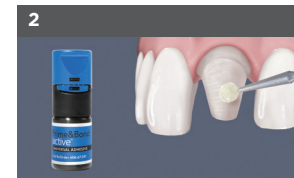
**Celtra® Duo**  
Zirconia-Reinforced  
Lithium Silicate (ZLS)



**1 PRE-TREATMENT**  
Apply 5% hydrofluoric acid (follow Directions for Use) to intaglio only and allow to soak for 30 seconds. Dry thoroughly and apply Calibra Silane Coupling Agent and leave undisturbed for 60 seconds. Repeat application if layer has dried up. Evaporate solvent with a strong air stream.



**4 APPLY CALIBRA CERAM CEMENT**  
Dispense and discard a small amount of material from the dual-barreled syringe. Attach mixing tip. Apply a thin, uniform layer of cement to the entire intaglio surface of the restoration.

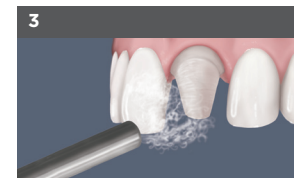


**2 APPLY ADHESIVE TO TOOTH**  
Apply Prime&Bond active™ adhesive to all cavity surfaces. Avoid pooling. No need for Self Cure Activator when Prime&Bond active Adhesive is used with Calibra Ceram Cement. Slightly agitate adhesive for 20 seconds.



**5 SEAT RESTORATION**  
Protect restoration from contamination and movement until the final set of the cement (5 minutes from start of mix or completion of light curing).

**Note:** Phosphoric etching of available enamel recommended. Conditioning of dentin is optional.

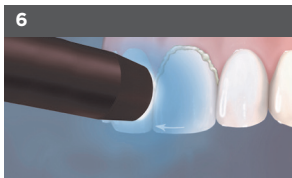


**3 AIR DRY**  
Thoroughly dry with moderate air flow for at least 5 seconds. Light-cure adhesive for 10 seconds. Light curing of adhesive can also be done after seating for Celtra Duo (ZLS) or light-transmissible restorations ≤ 2.5 mm thick. See step 8.

## Technique Guide Cont'd

# Celtra® Duo

Zirconia-Reinforced  
Lithium Silicate (ZLS)



### 6 CLEAN UP EXCESS

Briefly light cure cement at the margins by constantly moving the curing tip around the margins for no more than 5 seconds per surface (buccal/oral). Excess cement will reach a "gelled" state after this brief cure. Excess cement will remain in the "gelled" state for approximately 45 seconds following light exposure.



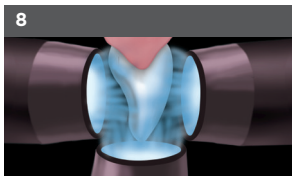
### 9 FINISH AND POLISH

Removal of resin flash is best accomplished with the Enhance® Finishing System and polish using Enhance PoGo® Polishing System (see complete Directions for Use).



### 7 REMOVE EXCESS CEMENT

Protect restoration from movement during the gel phase cleanup through the final set.

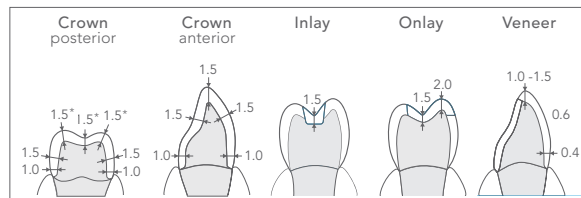


### 8 LIGHT CURE FOR LIGHT TRANSMISSIBLE RESTORATIONS

Once cleanup is complete, light cure all areas of the restoration for 20 seconds from each direction – buccal, lingual, and occlusal.

### Additional Technique Tips

- Minimal Wall Thickness



- Always follow restoration material's Directions for Use.
- For excess cement cleanup, monowave output LED lights with a single peak output around 470nm are recommended. High power, dual or broad spectrum lights may cause premature hardening of excess cement. Check curing light effect on mixed cement prior to clinical use.



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instructions for use



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