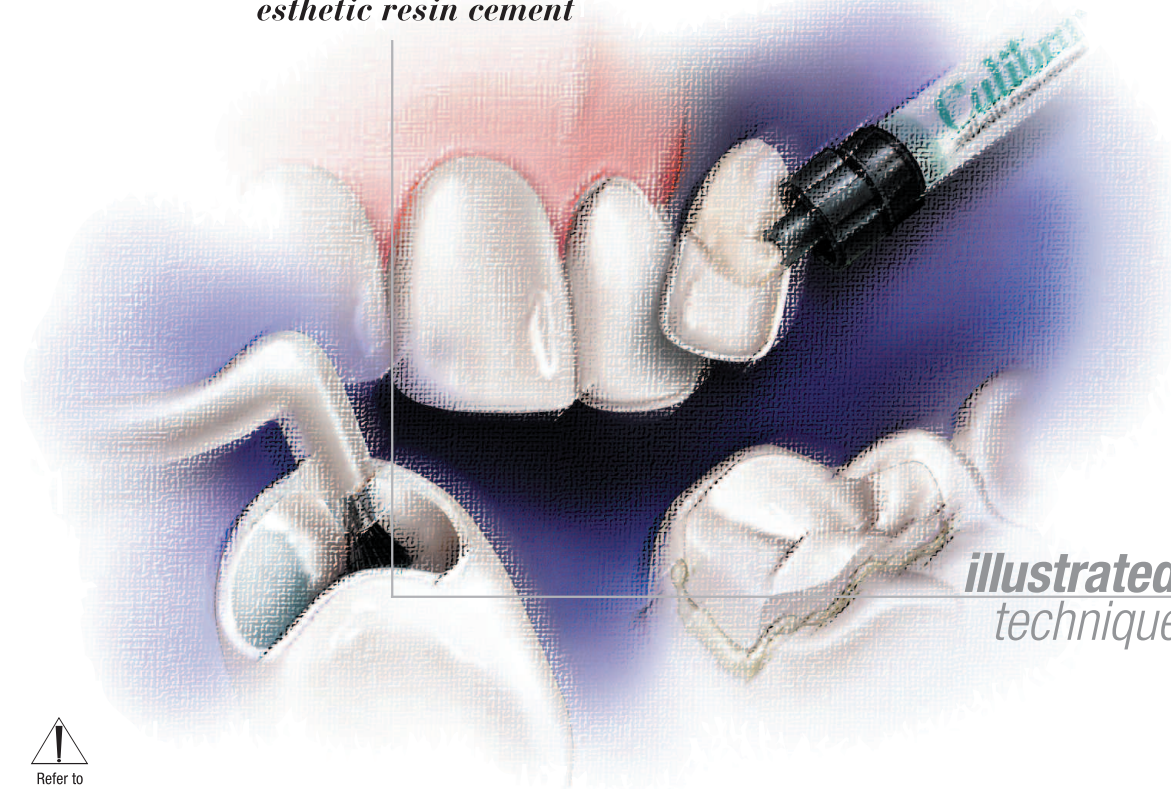


Calibra[®]

esthetic resin cement



*illustrated
technique guide*

Complete Luting System for:



DENTSPLY Caulk
38 West Clarke Avenue
Milford, DE 19963
www.dentsply.com • www.caulk.com
1-302-422-4511
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Refer to
Directions

This guide is NOT a replacement for the complete *Directions for Use*.

Veneers



TRY-IN PASTE

1. Apply Try-In Paste to the veneer. Seat the veneer and check the color, then remove the veneer.



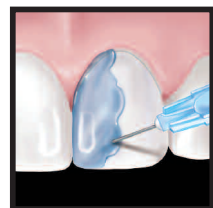
CLEAN & DRY

2. Thoroughly clean all internal surfaces of the veneer with water spray and air dry.



APPLY SILANE

3. Apply Calibra Silane Coupling Agent to the veneer according to instructions.



TOOTH CONDITIONER

4. Apply Caulk® 34% Tooth Conditioner Gel¹ to available enamel (and dentin if desired) for 15 seconds. Rinse for 10 seconds. Blot dry to keep moist, do not rub.

¹ In Europe: De Trey Conditioner 36%



APPLY BOND TO TOOTH

5. Apply generous amounts of Prime & Bond® NT™ adhesive to thoroughly wet the tooth surface. This surface should remain wet for 20 seconds, which may necessitate additional adhesive.

Gently air dry for 5 seconds. Surface should have a uniform, glossy appearance. If not, repeat application.

Light cure Prime & Bond NT for 10 seconds.



APPLY BOND TO VENEER

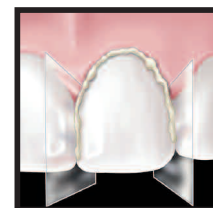
6. Apply a single coat of Prime & Bond NT adhesive to the veneer. Immediately air dry for 5 seconds. Light cure for 10 seconds.



APPLY CALIBRA

7. Dispense the desired Calibra base shade directly onto the veneer.

Protect cement from light.



SEAT

8. If possible, place mylar strips between preparation and adjacent teeth. Seat the restoration slowly.



PRE-CURE & REMOVE EXCESS

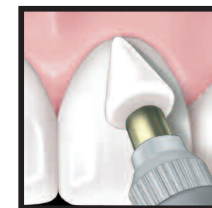
9. Tack the veneer in place by briefly light curing the gingival portion only for no more than 10 seconds.

Remove mylar strip and lift off excess cement around the margins.



LIGHT CURE

10. Light cure all marginal areas for 20 seconds from the buccal, lingual and interproximal aspects.



FINISH

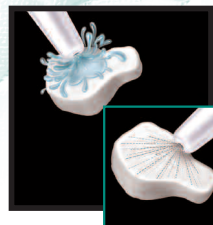
11. Complete all finishing and polishing with the Enhance® System.

Inlays & Onlays



TRY-IN PASTE (optional)

1. Apply Try-In Paste to the restoration. Seat the restoration, check the color, and then remove it.



CLEAN & DRY (optional)

2. If Try-In Paste has been used, thoroughly clean all internal surfaces of the restoration with water spray and air dry.



APPLY SILANE

3. Apply Calibra Silane Coupling Agent to the bonding surfaces of the restoration according to instructions.



TOOTH CONDITIONER

4. Apply Caulk® 34% Tooth Conditioner Gel¹ to available enamel (and dentin if desired) for 15 seconds. Rinse for 10 seconds. Blot dry to keep moist, do not rub.

¹ In Europe: De Trey Conditioner 36%



MIX PRIME & BOND® NT™ DUAL CURE

5. Place 1-2 drops of adhesive and an equal number of drops of Self Cure Activator into a mixing well and mix with a new brush tip.



APPLY BOND TO TOOTH

6. Apply Prime & Bond NT Dual Cure mixture to thoroughly wet the tooth surfaces. These surfaces should remain wet for 20 seconds, which may necessitate additional adhesive.

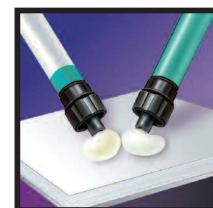
Gently air dry for five seconds. Surface should have a uniform, glossy appearance. If not, repeat application.

Light cure Prime & Bond NT Dual Cure for 10 seconds.



APPLY BOND TO RESTORATION

7. Apply a single coat of Prime & Bond NT Dual Cure mixture to the bonding surfaces of the restoration. Immediately air dry for 5 seconds. Light cure for 10 seconds.



MIX CALIBRA

8. On a mixing pad, dispense equal amounts of the desired shade of Calibra base and REGULAR OR HIGH VISCOSITY catalyst. Mix 10-20 seconds until uniform.

Minimum work time: 2 minutes, 30 seconds.



APPLY CALIBRA

9. Apply a thin layer of cement to all bonding surfaces of the restoration.

Tip: Sometimes it's easier to apply a thin layer of cement to the internal portions of the tooth preparation to avoid any porosity or voids.



SEAT

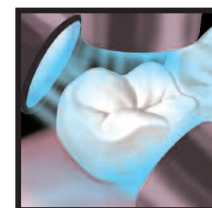
10. Seat the restoration slowly. Maintain downward pressure and remove excess cement from marginal areas with a dry brush.



PRE-CURE

11. A 10-second light "Pre-cure" at the margins will "gel" the excess cement for easy clean-up.

Lift off excess cement around the margins.



LIGHT CURE

12. Once stabilized, light cure all marginal areas for 20 seconds from the buccal, lingual and occlusal aspects.

Apply moderate pressure throughout the 6-minute self-cure set time.

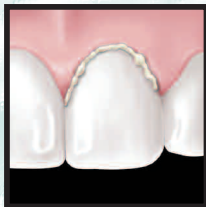


FINISH

13. Complete all finishing and polishing with the Enhance® System.

Crown & Bridge

Ceramic, Porcelain, Composite



TRY-IN PASTE

1. Apply Try-In Paste to the crown. Seat the restoration and check the color, then remove the restoration.



CLEAN & DRY

2. Thoroughly clean all internal surfaces of the crown with water spray and air dry.



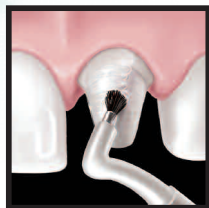
APPLY SILANE

3. Apply Calibra Silane Coupling Agent to the crown according to instructions.



MIX PRIME & BOND® NT™ DUAL CURE

4. Place 1-2 drops of adhesive and an equal number of drops of Self Cure Activator into a mixing well and mix with a new brush tip.



APPLY BOND TO TOOTH

5. Apply Prime & Bond NT Dual Cure mixture to thoroughly wet the tooth surfaces. These surfaces should remain wet for 20 seconds, which may necessitate additional adhesive.

Gently air dry for five seconds. Surface should have a uniform, glossy appearance. If not, repeat application.

Light cure Prime & Bond NT Dual Cure for 10 seconds.

For full coverage crowns, etching dentin is not recommended, to minimize the possibility of post-op sensitivity.



APPLY BOND TO RESTORATION

6. Apply a single coat of Prime & Bond NT Dual Cure mixture to the internal surface of the crown. Immediately air dry for 5 seconds. Light cure for 10 seconds.



MIX CALIBRA

7. On a mixing pad, dispense equal amounts of the desired shade of Calibra base and catalyst. Mix 20-30 seconds until uniform. (Regular Viscosity is recommended for full crowns.)

Minimum work time: 2 minutes, 30 seconds.



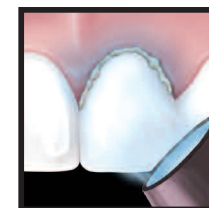
APPLY CALIBRA

8. Apply a thin layer of cement to the internal surface of the restoration.



SEAT

9. Seat the restoration slowly. Maintain downward pressure and remove excess cement from marginal areas with a dry brush.



PRE-CURE

10. A 10-second light "Pre-cure" at the margins will "gel" the excess cement for easy clean-up.



REMOVE EXCESS

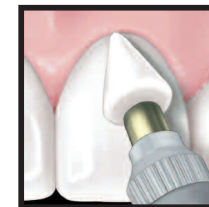
11. Lift off excess cement around the margins.



LIGHT CURE

12. Once stabilized, light cure all marginal areas for 20 seconds from the buccal, lingual and interproximal aspects.

Apply moderate pressure throughout the 6-minute self-cure set time.



FINISH

13. Complete all finishing and polishing with the Enhance® System.

Crown & Bridge

Porcelain fused to metal



MIX PRIME & BOND® NT™ DUAL CURE

1. Place 1-2 drops of adhesive and an equal number of drops of Self Cure Activator into a mixing well and mix with a new brush tip.



APPLY BOND TO TOOTH

2. Apply Prime & Bond NT Dual Cure mixture to thoroughly wet the tooth surfaces. These surfaces should remain wet for 20 seconds, which may necessitate additional adhesive.

Gently air dry for five seconds. Surface should have a uniform, glossy appearance. If not, repeat application.

Light cure Prime & Bond NT Dual Cure for 10 seconds.

For full coverage crowns, etching dentin is not recommended, to minimize the possibility of post-op sensitivity.



APPLY BOND TO RESTORATION

3. Apply a single coat of Prime & Bond NT Dual Cure mixture to the internal surface of the crown. Immediately air dry for 5 seconds. Light cure for 10 seconds.



MIX CALIBRA

4. On a mixing pad, dispense equal amounts of the desired shade of Calibra base and REGULAR VISCOSITY catalyst. Mix 20-30 seconds until uniform.

Minimum work time: 2 minutes, 30 seconds.



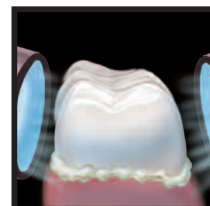
APPLY CALIBRA

5. Apply a thin layer of cement to the entire internal surface of the restoration.



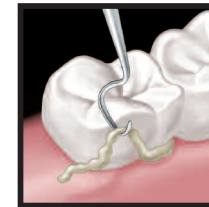
SEAT

6. Seat the restoration slowly. Maintain downward pressure.



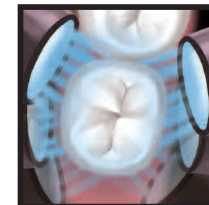
PRE-CURE

7. A 10-second light "Pre-cure" at the margins will "gel" the excess cement for easy clean-up.



REMOVE EXCESS

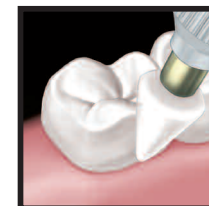
8. Lift off excess cement around the margins.



LIGHT CURE

9. Once stabilized, light cure all marginal areas for 20 seconds from both the buccal and lingual aspects.

Apply moderate pressure throughout the 6-minute self-cure set time.



FINISH

10. Complete all finishing and polishing with the Enhance® System.

Posts



TOOTH CONDITIONER

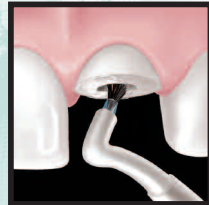
1. Apply Caulk® 34% Tooth Conditioner Gel¹ to available enamel (and dentin if desired) for 15 seconds. Rinse for 10 seconds. Blot dry to keep moist, do not rub.

¹ In Europe: De Trey Conditioner 36%



MIX PRIME & BOND® NT™ DUAL CURE

2. Place 1-2 drops of adhesive and an equal number of drops of Self Cure Activator into a mixing well and mix with a new brush tip.



APPLY BOND TO ORIFICE

3. Apply Prime & Bond NT Dual Cure mixture to post preparation, being sure a generous amount gets into the orifice. The surface should remain wet for 20 seconds, which may necessitate additional adhesive. Gently air dry for five seconds. Surface should have a uniform, glossy appearance. If not, repeat application. Light cure Prime & Bond NT Dual Cure for 10 seconds.



APPLY BOND TO POST

4. Apply a single coat of Prime & Bond NT Dual Cure mixture to the post.

Gently air dry for 5 seconds. Light cure for 10 seconds.



MIX CALIBRA

5. On a mixing pad, dispense equal amounts of Calibra LIGHT shade base and REGULAR VISCOSITY catalyst. Mix 20-30 seconds until uniform.



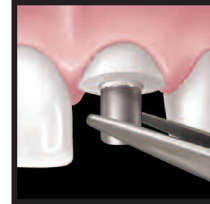
APPLY CALIBRA TO POST

6. Spread mixed cement on post.



APPLY CALIBRA

7. Place mixed cement into post space with an appropriate instrument.



SEAT POST

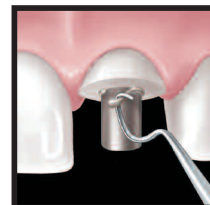
8. Seat post immediately. Maintain pressure until the post is stable.



PRE-CURE

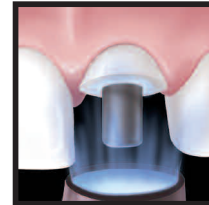
9. Once the post is stable, a 10-second light "Pre-cure" will "gel" the excess cement for easy clean-up.

Calibra self-cures fully in 6 minutes.



REMOVE EXCESS

10. Lift off excess cement around the margins.



LIGHT CURE

11. Light cure the post for 20 seconds.



CORE BUILD-UP

12. Proceed with core build-up.

Maryland Bridges



TOOTH CONDITIONER

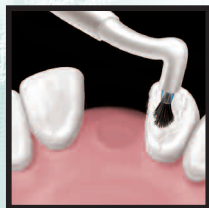
1. Apply Caulk® 34% Tooth Conditioner Gel¹ to enamel for 15 seconds. Rinse for 10 seconds. Blot dry to keep moist, do not rub.

¹ In Europe: De Trey Conditioner 36%



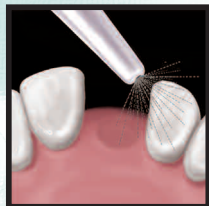
MIX PRIME & BOND® NT™ DUAL CURE

2. Place 1-2 drops of adhesive and an equal number of drops of Self Cure Activator into a mixing well and mix with a new brush tip.



APPLY BOND TO TOOTH

3. Apply generous amounts of Prime & Bond NT Dual Cure mixture to thoroughly wet the tooth surfaces. These surfaces should remain wet for 20 seconds, which may necessitate additional adhesive.



AIR DRY

4. Gently air dry for 5 seconds. Surface should have a uniform, glossy appearance. If not, repeat application.



LIGHT CURE

5. Light cure Prime & Bond NT for 10 seconds.



APPLY BOND TO WINGS

6. Apply a single coat of Prime & Bond NT Dual Cure mixture to the wings of the Maryland Bridge. Immediately air dry for 5 seconds. Light cure for 10 seconds.



MIX CALIBRA

7. On a mixing pad, dispense equal amounts of the desired shade of Calibra base and REGULAR OR HIGH VISCOSITY catalyst. Mix 20-30 seconds until uniform.

Minimum work time: 2 minutes, 30 seconds.



APPLY CALIBRA TO WINGS

8. Apply a thin layer of cement to the entire internal bonding surfaces of the restoration.



SEAT

9. Seat the restoration slowly. Maintain moderate pressure until restoration is stable.

Calibra self-cures fully in 6 minutes.



PRE-CURE

10. A 10-second light "Pre-cure" at the margins will "gel" the excess cement for easy clean-up.



REMOVE EXCESS

11. Lift off excess cement around the margins.



LIGHT CURE

12. Light cure all marginal areas for 20 seconds.

Remember: Calibra self-cures fully in 6 minutes.



FINISH

13. Complete all finishing and polishing with the Enhance® System.