

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA™ F 2.0**



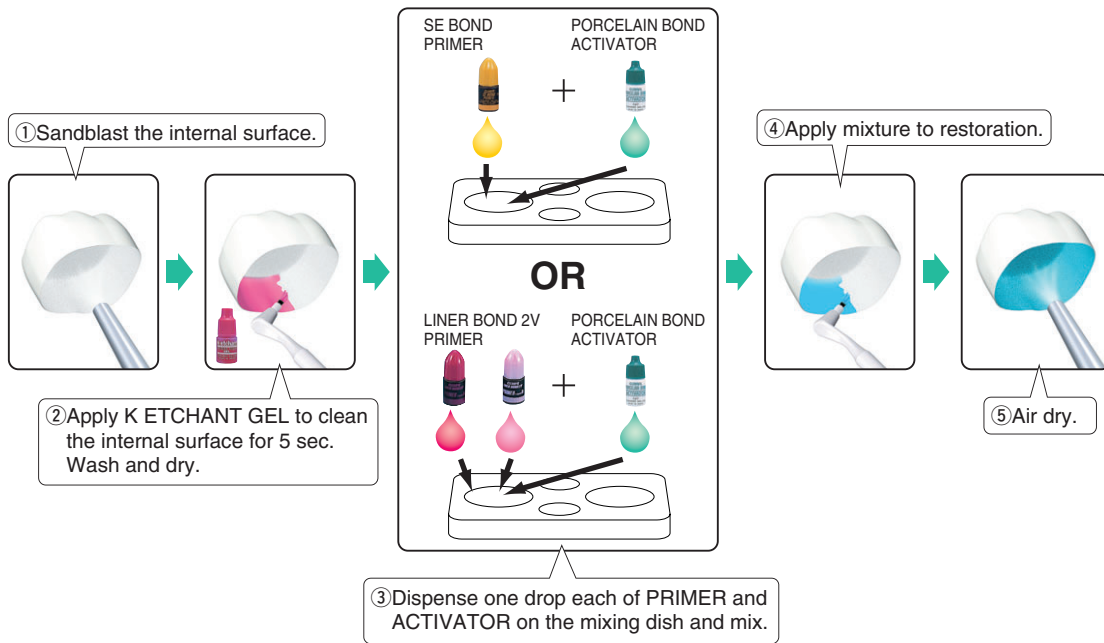
**CE 0197**  
KURARAY MEDICAL INC.  
1621 Sakazu, Kurashiki,  
Okayama 710-0801, Japan

### *Tips & Cautions*





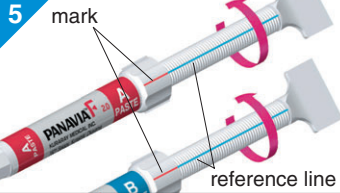
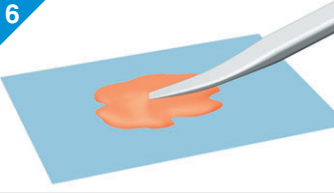
- Mixed PANAVIA F 2.0 paste will not set up on the pad.
- Do not use hemostatic agent containing ferric sulfate.
- PANAVIA F 2.0 Opaque shade can not be light cured ; chemical cures.
- PANAVIA F 2.0 can be cured using any type of curing light (Halogen, LED and Plasma arc light).
- For easy clean up, excess cement around the margin may be light cured partially for 2 to 3 sec, (Using conventional halogen or LED light) then remove excess.
- Step by step illustrations for silanating porcelain (Please refer to the back).

### Flow Chart Sheet

## Silane coupling treatment procedure



**Cementation of precious & semi-precious metal crowns, PFM crowns, bridges, inlays and onlays.**

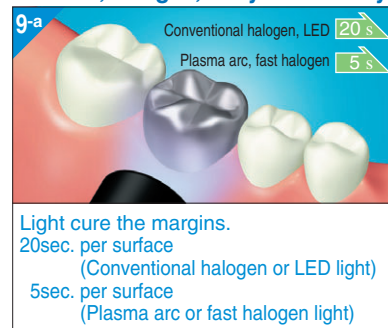
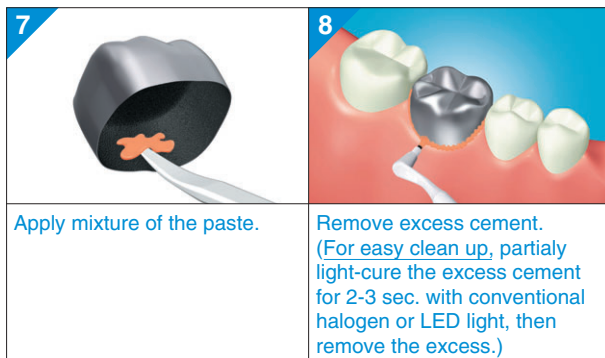
<p><b>1</b></p> 	<p><b>2</b></p> 	<p><b>3</b></p> 
<p>Sandblast, wash &amp; dry.</p>	<p>Apply ALLOY PRIMER to internal surface of precious metal restoration.</p>	<p>Mix equal amounts of ED PRIMER II A&amp;B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>
<p><b>4</b></p> 	<p><b>5</b></p> 	<p><b>6</b></p> 
<p>Gently air dry.</p>	<p>Dispense equal amounts of paste A&amp;B.</p>	<p>Mix paste A&amp;B for 20 sec.</p>

# 1

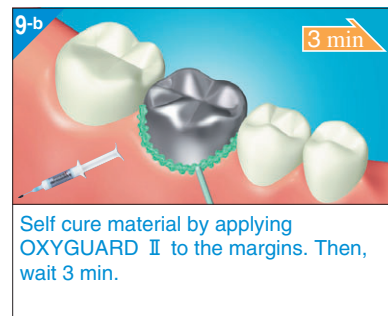
Cementation of precious & semi-precious metal crowns, PFM crowns, bridges, inlays and onlays.

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## Cementation of precious & semi-precious metal crowns, PFM crowns, bridges, inlays and onlays.



**OR**



## Cementation of silanated porcelain/composite restorations

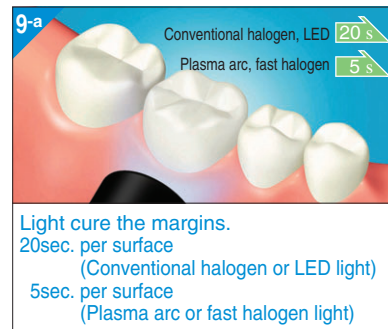
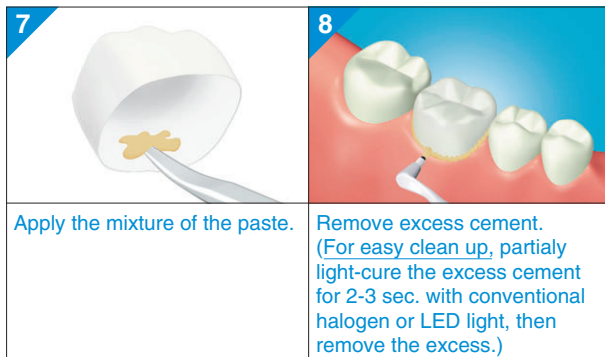
<b>1</b> 	<b>2</b> 	<b>3</b> 
Sandblasting.	Apply K ETCHANT GEL (40% phosphoric acid ) to clean surface for 5 sec. Rinse and dry.	Mix equal amounts of CLEARFIL SE BOND or LINER BOND 2V Primers with PORCELAIN BOND ACTIVATOR (Silane). Apply mixture and air dry.
<b>4</b> 	<b>5</b> 	<b>6</b> 
Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement	Gently air dry.	Dispense equal amounts of paste A&B. Mix paste A&B for 20 sec. minimum.

## 2

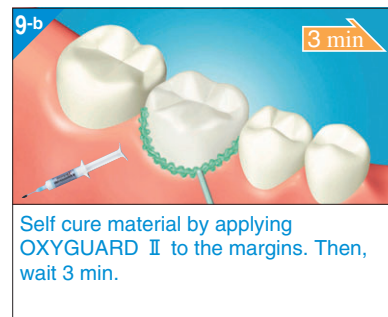
### Cementation of silanated porcelain/composite restorations

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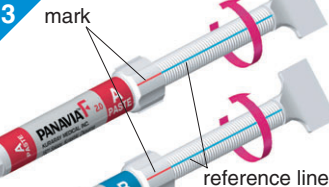
#### Cementation of silanated porcelain/composite restorations





**OR**



**Cementation of ceramic oxide restorations: PROCERA<sup>TM</sup>, IN-CERAM<sup>TM</sup>, CERCON<sup>TM</sup> and other zirconia prostheses.**

<p><b>1</b></p>  <p>Mix equal amounts of ED PRIMER II A&amp;B and apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>	<p><b>2</b></p>  <p>Gently air dry.</p>	<p><b>3</b></p>  <p>Dispence equal amounts of paste A&amp;B.</p>
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<p><b>4</b></p>  <p>Mix paste A&amp;B for 20 sec.</p>	<p><b>5</b></p>  <p>Apply the mixture of the paste to the sandblasted crown.</p>
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Cementation of ceramic oxide restorations: PROCERA<sup>TM</sup>, IN-CERAM<sup>TM</sup>, CERCON<sup>TM</sup> and other zirconia prostheses.

### 3

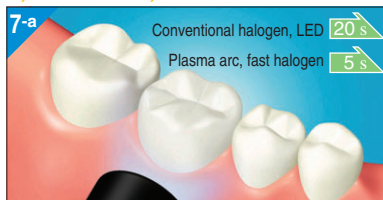
Cementation of ceramic oxide restorations: PROCERA™, IN-CERAM™, CERCON™ and other zirconia prostheses.

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Cementation of ceramic oxide restorations: PROCERA™, IN-CERAM™, CERCON™ and other zirconia prostheses.



Remove excess cement.  
(For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)



Light cure the margins.  
20sec. per surface  
(Conventional halogen or LED light)  
5sec. per surface  
(Plasma arc or fast halogen light)




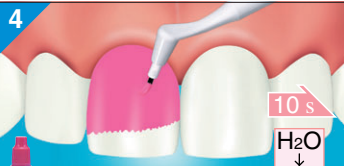
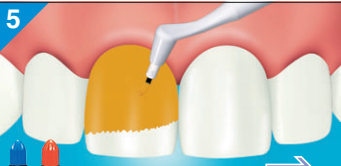
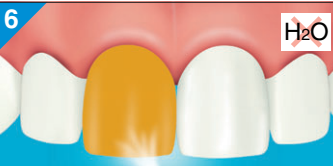
**OR**



Self cure material by applying  
OXYGUARD II to the margins. Then,  
wait 3 min.



## Cementation of porcelain veneers

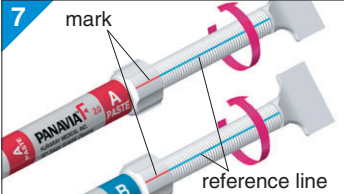


<p><b>1</b></p>  <p>Hydrofluoric acid etch the veneer. If veneer is pre-etched by laboratory go to step 2.</p>	<p><b>2</b></p>  <p>5 s H<sub>2</sub>O ↓ Air</p> <p>Apply K ETCHANT GEL (40% phosphoric acid) to clean the internal surface for 5 sec.</p>	<p><b>3</b></p>  <p>Mix equal amounts of CLEARFIL SE BOND or LINER BOND 2V Primers with PORCELAIN BOND ACTIVATOR (Silane). Apply mixture and air dry.</p>
<p><b>4</b></p>  <p>10 s H<sub>2</sub>O ↓ Air</p> <p>Apply K ETCHANT GEL (40% phosphoric acid) to the enamel surface for 10 sec. Rinse and gently air dry.</p>	<p><b>5</b></p>  <p>30 s</p> <p>Mix equal amounts of ED PRIMER II A&amp;B. Apply to the tooth. Then, wait for 30sec. *ED PRIMER II initiates set of cement</p>	<p><b>6</b></p>  <p>H<sub>2</sub>O</p> <p>Gently air dry.</p>

# 4

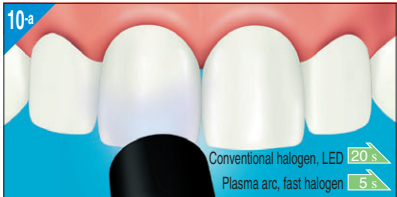
## Cementation of porcelain veneers

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### Cementation of porcelain veneers

<p><b>7</b></p> 	<p><b>8</b></p> 	<p><b>9</b></p> 
<p>Dispense equal amounts of paste A&amp;B. Mix for 20 sec. minimum.</p>	<p>Apply mixture of the paste directly to silane.</p>	<p>Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)</p>

**10-a**

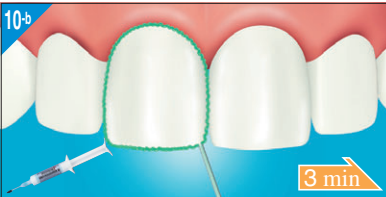


Conventional halogen, LED 20 s  
Plasma arc, fast halogen 5 s

Light cure the margins.  
20sec. per surface  
(Conventional halogen or LED light)  
5sec. per surface  
(Plasma arc or fast halogen light)






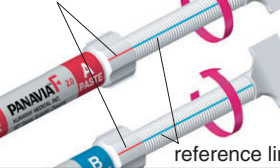
OR

**10-b**



Self cure material by applying OXYGUARD II to the margins.  
Then, wait 3 min.

## Cementation of precious restorations (Adhesion bridges/Maryland bridges)


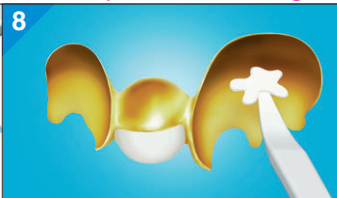
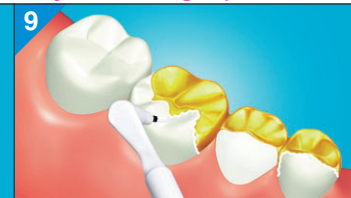
<b>1</b> 	<b>2</b> 	<b>3</b> 
<p>Sandblast, wash&amp;dry.</p>	<p>Apply ALLOY PRIMER to internal surface of precious metal restoration.</p>	<p>Apply K ETCHANT GEL (40% phosphoric acid) to the tooth for 10 sec. Rinse and dry.</p>
<b>4</b> 	<b>5</b> 	<b>6</b> 
<p>Mix equal amounts of ED PRIMER II A&amp;B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>	<p>Gently air dry.</p>	<p>Dispense equal amounts of paste A&amp;B.</p>

## 5

## Cementation of precious restorations (Adhesion bridges/Maryland bridges)

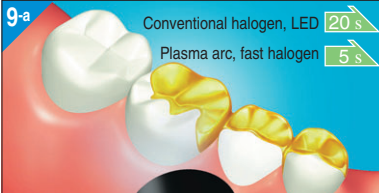
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### Cementation of precious restorations (Adhesion bridges/Maryland bridges)

		
<p>Mix paste A&amp;B for 20 sec.</p>	<p>Apply the mixture of the paste to sandblasted metal.</p>	<p>Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)</p>

**9-a**

Conventional halogen, LED 20 s  
 Plasma arc, fast halogen 5 s




Light cure the margins.  
 20sec. per surface  
 (Conventional halogen or LED light)  
 5sec. per surface  
 (Plasma arc or fast halogen light)

OR

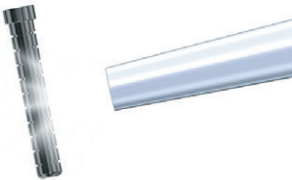


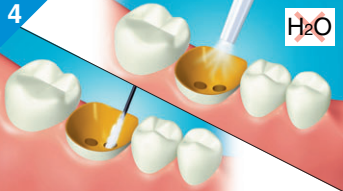
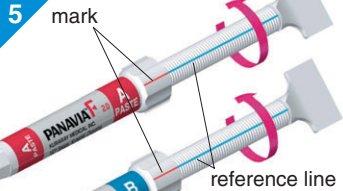

**9-b**

3 min



Self cure material by applying  
 OXYGUARD II to the margins. Then,  
 wait 3 min.

## Cementation of cores or prefabricated posts.

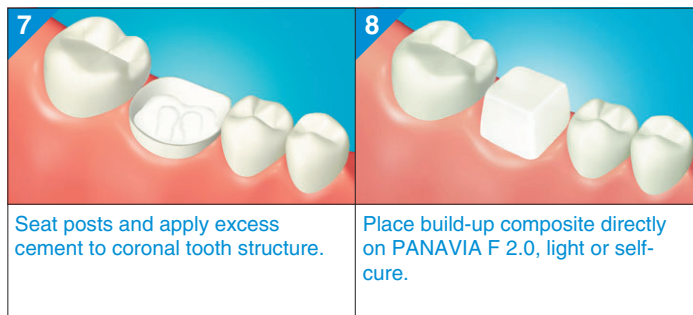
<p><b>1</b></p> 	<p><b>2</b></p> 	<p><b>3</b></p> 
<p>Sandblasting.</p>	<p>If the post is precious metal, apply ALLOY PRIMER, air dry.</p>	<p>Mix equal amounts of ED PRIMER II A&amp;B. Apply to coronal and post-hole tooth structure. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>
<p><b>4</b></p> 	<p><b>5</b></p> 	<p><b>6</b></p> 
<p>Gentle air dry. Remove excess primer with paper points.</p>	<p>Dispense equal amounts of paste A&amp;B.</p>	<p>Mix paste A&amp;B and coat posts with mixed cement.</p>

# 6



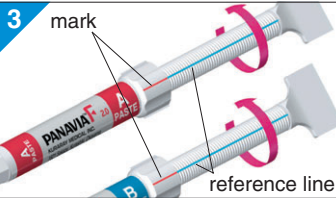
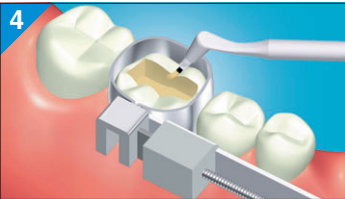
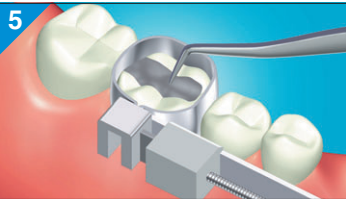
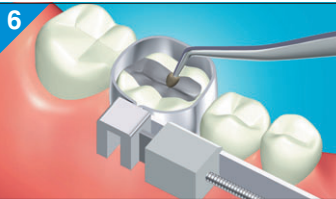
## Cementation of cores or prefabricated posts.

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### Cementation of cores or prefabricated posts.



## Amalgam bonding

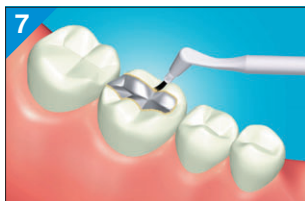
<p><b>1</b></p> 	<p><b>2</b></p> 	<p><b>3</b></p> 
<p>Mix equal amounts of ED PRIMER II A&amp;B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement</p>	<p>Gently air dry.</p>	<p>Dispense equal amounts of paste A&amp;B. Mix paste A&amp;B for 20 sec. minimum.</p>
<p><b>4</b></p> 	<p><b>5</b></p> 	<p><b>6</b></p> 
<p>Apply mixture of paste to the base of the preparation.</p>	<p>Mix and place the amalgam.</p>	<p>Complete the carving and remove the matrix band.</p>

# 7

## Amalgam bonding

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### Amalgam bonding

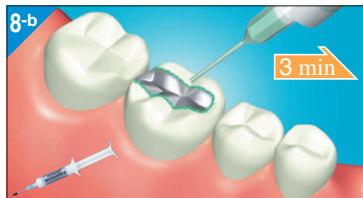


Remove excess cement.  
(For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)

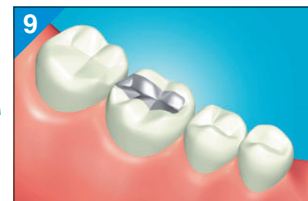


Light cure the margins.  
20sec. per surface  
(Conventional halogen or LED light)  
5sec. per surface  
(Plasma arc or fast halogen light)

OR



Self cure material by applying  
OXYGUARD II to the margins. Then,  
wait 3 min.



Complete the polishing.