

DUAL CURE DENTAL ADHESIVE SYSTEM

PANAVIA™ F 2.0

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.
- PANAVIA F 2.0 can be cured by 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)
- Step by step illustrations for silanating porcelain using Kuraray products. (Please refer to the back.)

Flow Chart Sheet

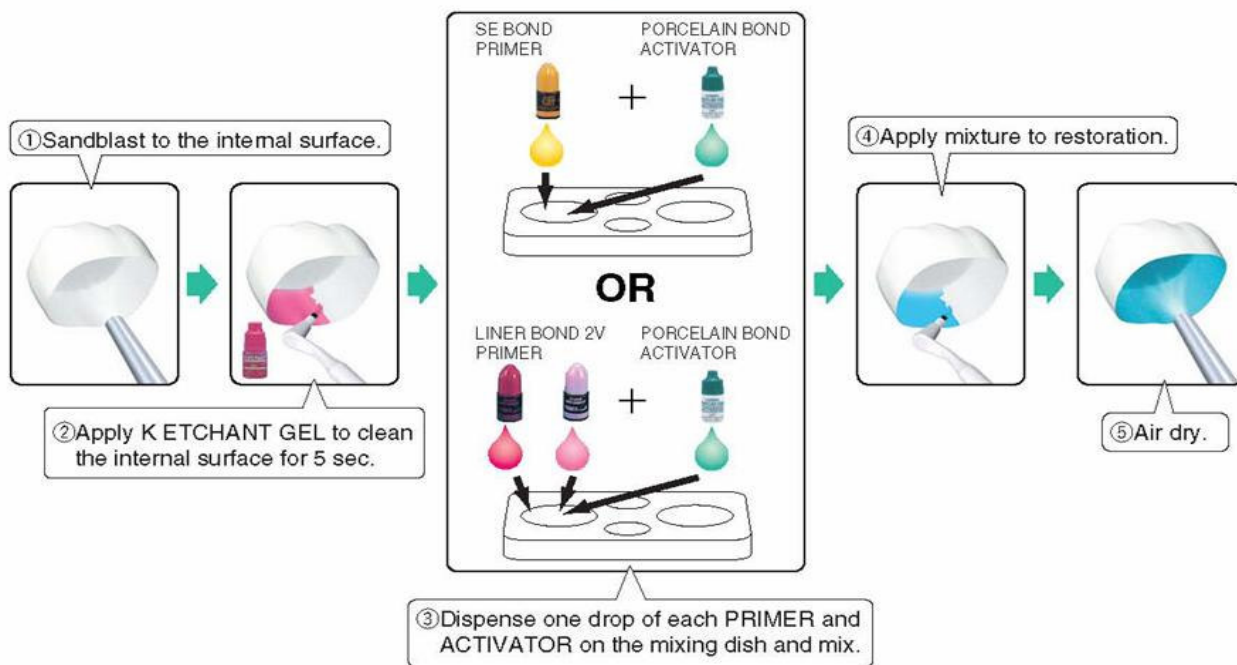


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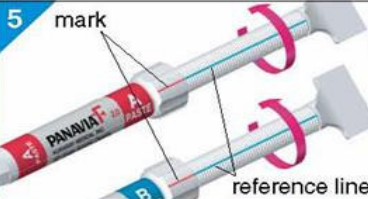
S485EU-01

04/2003

Silane coupling treatment procedure







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

<p>1</p> 	<p>2</p> 	<p>3</p>  <p>30 s</p>
<p>Sandblast, wash & dry.</p>	<p>Apply ALLOY PRIMER to internal surface of precious metal restoration.</p>	<p>Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>
<p>4</p>  <p>H₂O</p>	<p>5</p>  <p>mark reference line</p>	<p>6</p> 
<p>Gently air dry.</p>	<p>Dispense equal amounts of paste A&B.</p>	<p>Mix paste A&B for 20 sec.</p>

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

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





<p>7</p> 	<p>8</p> 	<p>9-a</p>  <p>Conventional halogen, LED 20 s Plasma, fast halogen 5 s</p>
<p>Apply mixture of the paste.</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>	<p>Light cure the margins. 20sec. per surface (Conventional halogen or LED light) 5sec. per surface (Plasma arc or fast halogen light)</p>
		<p>OR</p>
		<p>9-b</p>  <p>3 min</p>
		<p>Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.</p>

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

Cementation of silanated porcelain/composite restorations

		
<p>Sandblasting.</p>	<p>Apply K ETCHANT GEL (40% phosphoric acid) to clean surface for 5 sec. Rinse and dry.</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>Mix equal amounts of ED PRIMER II A&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&B. Mix paste A&B for 20 sec. minimum.</p>

Cementation of silanated porcelain/composite restorations

		
<p>Apply the mixture of the paste.</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>	<p>Light cure the margins. 20sec. per surface (Conventional halogen or LED light) 5sec. per surface (Plasma arc or fast halogen light)</p>
OR		
		
<p>Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.</p>		

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

<p>30 s</p>	<p>H₂O</p>	<p>mark reference line</p>
<p>Mix equal amounts of ED PRIMER II A&B and 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&B.</p>
<p>Mix paste A&B for 20 sec.</p>		<p>Apply the mixture of the paste to the sandblasted core.</p>

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

DUAL CURE DENTAL ADHESIVE SYSTEM
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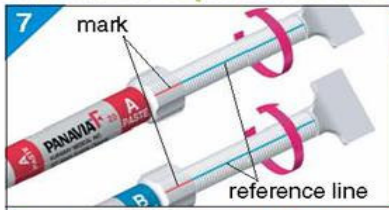


Cementation of porcelain veneers


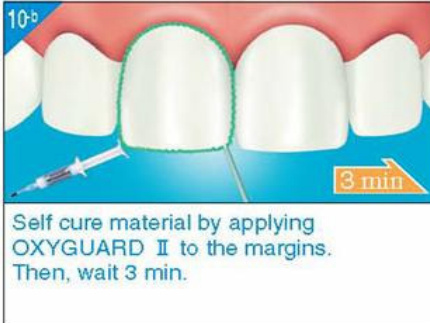
	<p>5 s H₂O ↓ Air</p>	
<p>Hydrofluoric acid etched veneer. If veneer is pre-etched by laboratory go to step 2.</p>	<p>Apply K ETCHANT GEL (40% phosphoric acid) to clean the internal surface for 5 sec.</p>	<p>Mix equal amounts of CLEARFIL SE BOND or LINER BOND 2V Primers with PORCELAIN BOND ACTIVATOR (Silane). Apply mixture and air dry.</p>
<p>10 s H₂O ↓ Air</p>	<p>30 s</p>	<p>H₂O</p>
<p>Apply K ETCHANT GEL (40% phosphoric acid) to the enamel surface for 10 sec. Rinse and gently air dry.</p>	<p>Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait for 30sec. *ED PRIMER II initiates set of cement</p>	<p>Gently air dry.</p>

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Cementation of porcelain veneers

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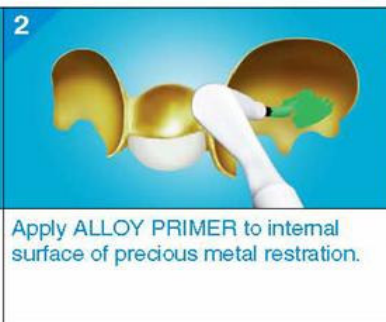
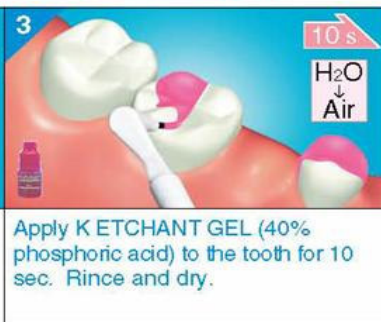
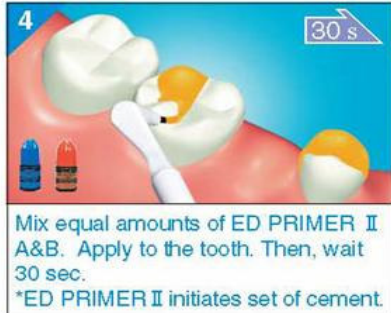
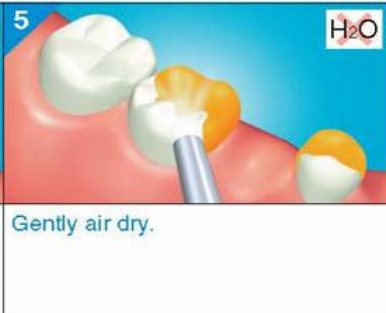
Cementation of porcelain veneers

 <p>7</p> <p>mark</p> <p>reference line</p>	 <p>8</p>	 <p>9</p>
<p>Dispense equal amounts of paste A&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>

 <p>10^a</p> <p>Conventional halogen, LED 20 s Plasma, fast halogen 5 s</p> <p>Light cure the margins. 20sec. per surface (Conventional halogen or LED light) 5sec. per surface (Plasma arc or fast halogen light)</p>	OR	 <p>10^b</p> <p>Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.</p>
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Cementation of precious restorations (Adhesion bridges/Maryland bridges)




 <p>1</p> <p>Sandblast, wash&dry.</p>	 <p>2</p> <p>Apply ALLOY PRIMER to internal surface of precious metal restration.</p>	 <p>3</p> <p>10 s</p> <p>H₂O ↓ Air</p> <p>Apply K ETCHANT GEL (40% phosphoric acid) to the tooth for 10 sec. Rinse and dry.</p>
 <p>4</p> <p>30 s</p> <p>Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>	 <p>5</p> <p>H₂O</p> <p>Gently air dry.</p>	 <p>6</p> <p>mark</p> <p>reference line</p> <p>Dispence equal amounts of paste A&B.</p>



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Cementation of precious restorations (Adhesion bridges/Maryland bridges)

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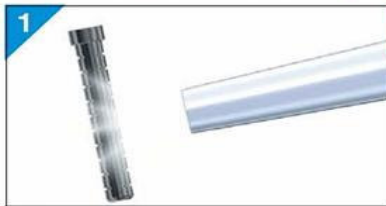


Cementation of precious restorations (Adhesion bridges/Maryland bridges)


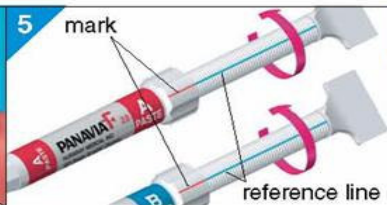
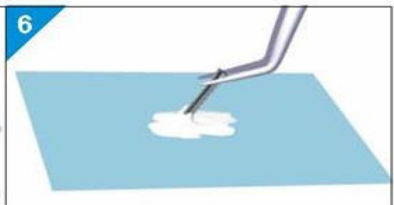
		
<p>Mix paste A&B for 20 sec.</p>	<p>Apply the mixture of the paste to sandblasted metal.</p>	<p>Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)</p>

	<p>OR</p>	
<p>Light cure the margins. 20sec. per surface (Conventional halogen or LED light) 5sec. per surface (Plasma arc or fast halogen light)</p>		<p>Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.</p>

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Cementation of cores or prefabricated posts.

		
<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&B. Apply to coronal and post-hole tooth structure. Then, wait 30 sec. *ED PRIMER II initiates set of cement.</p>

		
<p>Gentle air dry. Remove excess primer with paper points.</p>	<p>Dispense equal amounts of paste A&B.</p>	<p>Mix paste A&B and coat posts with mixed cement.</p>

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Cementation of cores or prefabricated posts.

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Cementation of cores or prefabricated posts.

<p>Seat posts and apply excess cement to coronal tooth structure.</p>	<p>Place build-up composite directly on PANAVIA F 2.0 light or self-cure.</p>

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Amalgam bonding

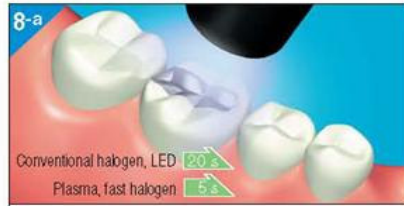
<p>Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement</p>	<p>Gently air dry.</p>	<p>Dispense equal amounts of paste A&B. Mix paste A&B for 20 sec. minimum.</p>
<p>Apply mixture of paste to the base of the preparation.</p>	<p>Mix and place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

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Amalgam bonding



7
 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.)



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

OR



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



9
 Complete the polishing.