

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT

**PANAVIA** **F** 2.0

**Complete Kit**

Flow Chart Sheet



CE 0197

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

## INDICATIONS

**Case A** Cementation of crowns, bridges, inlays and onlays

**A-1** Made of metal

**A-2** Made of conventional porcelain, ceramic, hybrid ceramics or composite resin

**Case B** Cementation of veneers

**Case C** Cementation of adhesion bridges

**Case D** Cementation of metal cores, resin cores, metal posts or glass-fiber posts

**Case E** Amalgam bonding

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DENTAL DUAL-CURED ADHESIVE RESIN CEMENT

# PANAVIA<sup>TM</sup> F 2.0 Complete Kit

KURARAY MEDICAL INC.

## Dental curing unit type and light-curing time

Type	Light source	Wavelength range and light intensity	Light-curing time
Conventional halogen	Halogen lamp	Light intensity of 300 – 550 mW/cm <sup>2</sup> in wavelength range from 400 – 515 nm	20 sec.
Fast halogen	Halogen lamp	Light intensity of more than 550 mW/cm <sup>2</sup> in wavelength range from 400 – 515 nm	5 sec.
Plasma arc	Xenon lamp	Light intensity of more than 2000 mW/cm <sup>2</sup> in wavelength range from 400 – 515 nm, and light intensity of more than 450 mW/cm <sup>2</sup> in wavelength range from 400 – 430 nm	5 sec.
LED	Blue LED	Light intensity of more than 300 mW/cm <sup>2</sup> in wavelength range from 400 – 515 nm	20 sec.

## We mention the abbreviated product name in this sheet.






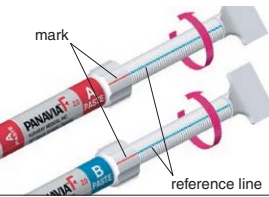
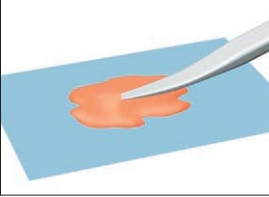

Product	Abbreviated product name
PANAVIA <sup>TM</sup> F 2.0 Paste	Paste
PANAVIA <sup>TM</sup> F 2.0 ED PRIMER II	ED PRIMER II
ALLOY PRIMER	
CLEARFIL <sup>TM</sup> CERAMIC PRIMER	CERAMIC PRIMER
PANAVIA <sup>TM</sup> F 2.0 OXYGUARD II	OXYGUARD II

**Case A-1**

**Cementation of crowns, bridges, inlays and onlays made of metal**

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA F 2.0**  
**Complete Kit** KURARAY MEDICAL INC.

**A**

<p><b>1</b> Sandblast, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply ALLOY PRIMER to the adherent surface if precious metal are used.</p> 	<p><b>3</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>*The mixture must be used within 5 min. after mixing.</p>	<p><b>4</b> Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.</p> 
<p><b>5</b> Remove any excess ED PRIMER II and dry.</p> 	<p><b>6</b> Dispense equal amounts of paste A&amp;B.</p> 	<p><b>7</b> Mix paste A&amp;B for 20 sec.</p> 	<p><b>8</b> Apply the mixture to the restoration.</p> 

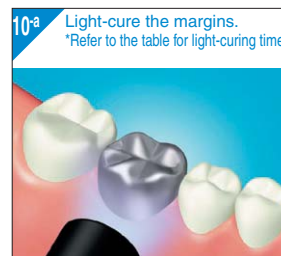
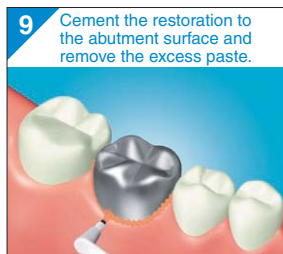
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Case A-1

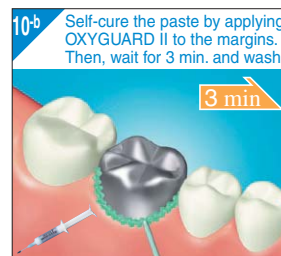
Cementation of crowns, bridges, inlays and onlays made of metal

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



OR



**Case A-2**

Cementation of crowns, bridges, inlays and onlays made of conventional porcelain, ceramic, hybrid ceramics or composite resin

**A**

<p><b>1</b> Sandblast, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply phosphoric acid (e.g. K-ETCHANT GEL) to clean surface for 5 sec. Rinse and dry.</p> 	<p><b>3</b> Apply CERAMIC PRIMER to the adherent surface, and dry.</p> 	<p><b>4</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>*The mixture must be used within 5 min. after mixing.</p>
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For cementation of zirconia or alumina restorations, step 2 and 3 are not required.

<p><b>5</b> Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.</p> 	<p><b>6</b> Remove any excess ED PRIMER II and dry.</p> 	<p><b>7</b> Dispense equal amounts of paste A&amp;B.</p> 	<p><b>8</b> Mix paste A&amp;B for 20 sec.</p> 
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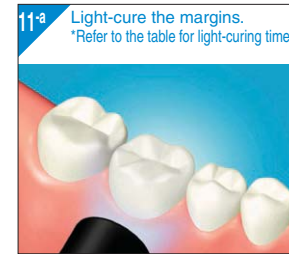
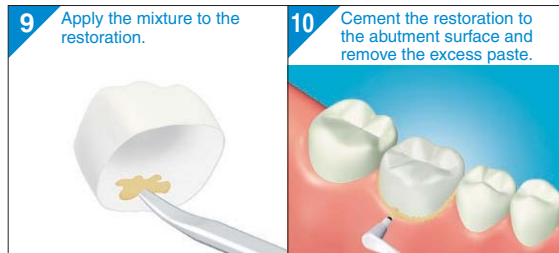
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**Case A-2**

Cementation of crowns, bridges, inlays and onlays made of conventional porcelain, ceramic, hybrid ceramics or composite resin

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
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**A**





**OR**



**Case B**

**Cementation of veneers**

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<p><b>1</b> As necessary, sandblast the adherent surface of veneer with care to prevent the edges from chipping, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply phosphoric acid (e.g. K-ETCHANT GEL) to the adherent surface, leave for 5 sec., wash and dry.</p>  <p>5 s H<sub>2</sub>O ↓ Air</p>	<p><b>3</b> Apply CERAMIC PRIMER to the adherent surface, and dry.</p> 	<p><b>4</b> Apply phosphoric acid (e.g. K-ETCHANT GEL) to the enamel surface for 10 sec. Rinse and dry.</p>  <p>10 s H<sub>2</sub>O ↓ Air</p>
<p><b>5</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>A + B</p> <p>*The mixture must be used within 5 min. after mixing.</p>	<p><b>6</b> Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.</p>  <p>30 s</p>	<p><b>7</b> Remove any excess ED PRIMER II and dry.</p>  <p>H<sub>2</sub>O</p>	<p><b>8</b> Dispense equal amounts of paste A&amp;B.</p>  <p>mark reference line</p>

**B**

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Case B

Cementation of veneers

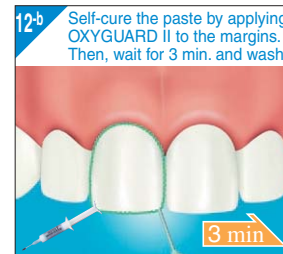
DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA F 2.0**  
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B



OR







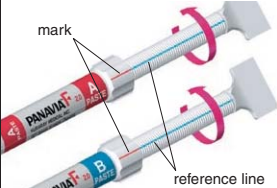





**Case C**

**Cementation of adhesion bridges**

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
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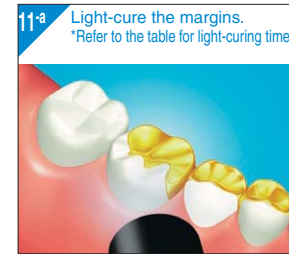
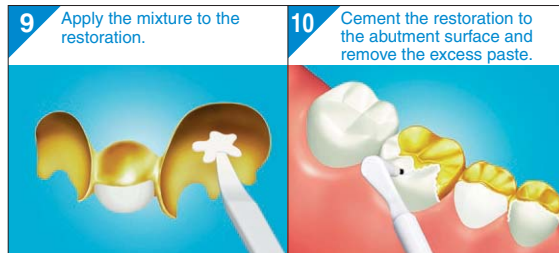
<p><b>1</b> Sandblast, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply ALLOY PRIMER to the adherent surface if precious metal are used.</p> 	<p><b>3</b> Apply phosphoric acid (e.g. K-ETCHANT GEL) to the enamel surface for 10 sec. Rinse and dry.</p> 	<p><b>4</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>*The mixture must be used within 5 min. after mixing.</p>
<p><b>5</b> Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.</p> 	<p><b>6</b> Remove any excess ED PRIMER II and dry.</p> 	<p><b>7</b> Dispense equal amounts of paste A&amp;B.</p> 	<p><b>8</b> Mix paste A&amp;B for 20 sec.</p> 

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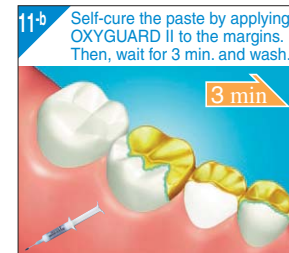
Case C

Cementation of adhesion bridges

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OR



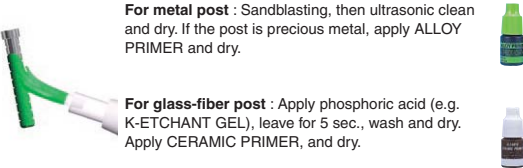



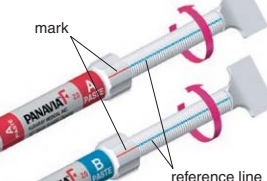


C

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**Case D**

**Cementation of metal cores, resin cores, metal posts or glass-fiber posts**

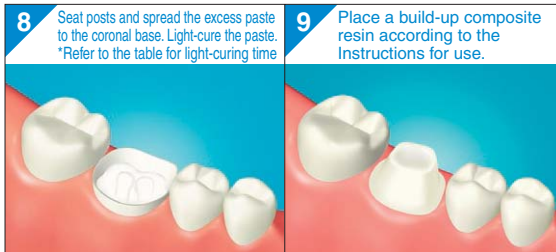
DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
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<p><b>1</b> Treatment of post surface.</p> <p><b>For metal post :</b> Sandblasting, then ultrasonic clean and dry. If the post is precious metal, apply ALLOY PRIMER and dry.</p> <p><b>For glass-fiber post :</b> Apply phosphoric acid (e.g. K-ETCHANT GEL), leave for 5 sec., wash and dry. Apply CERAMIC PRIMER, and dry.</p> 	<p><b>2</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>*The mixture must be used within 5 min. after mixing.</p>	<p><b>3</b> Apply the mixed primer to the root canal and the cavity wall, and leave for 30 seconds.</p>  <p><b>D</b></p>	
<p><b>4</b> Wipe away the excess mixed primer and dry.</p> 	<p><b>5</b> Dispense equal amounts of paste A&amp;B.</p> 	<p><b>6</b> Mix paste A&amp;B for 20 sec.</p> 	<p><b>7</b> Coat posts with mixed paste.</p> 

**Case D**

**Cementation of metal cores, resin cores, metal posts  
or glass-fiber posts**

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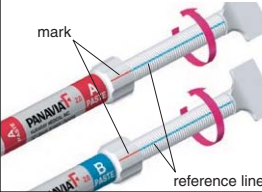






**D**

**Case E**

**Amalgam bonding**

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
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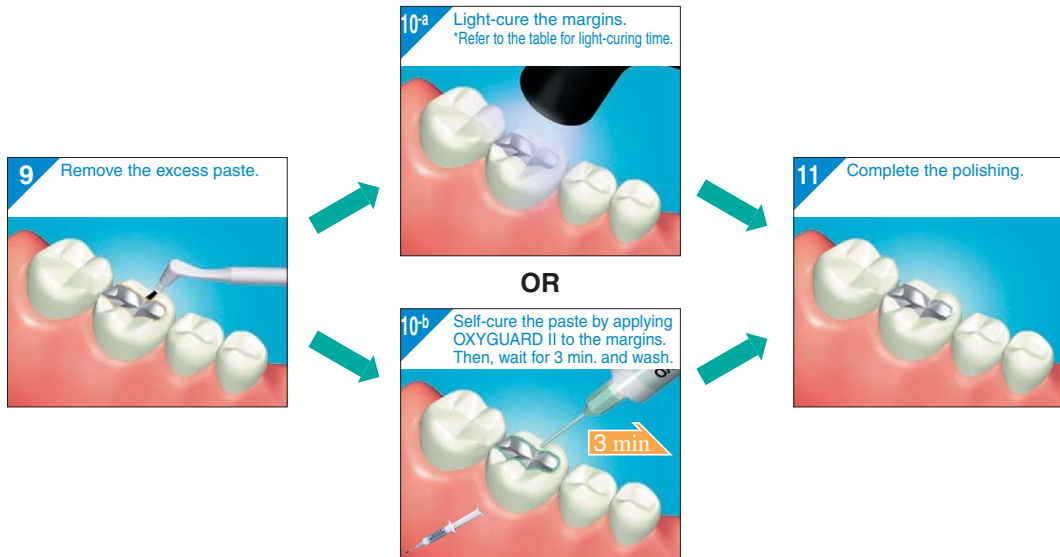
<p><b>1</b> Mix equal amounts of ED PRIMER II A&amp;B. Mixed ED PRIMER II initiates set of cement.</p>  <p>*The mixture must be used within 5 min. after mixing.</p>	<p><b>2</b> Apply mixed ED PRIMER II to the cavity surface and leave for 30 sec.</p> 	<p><b>3</b> Remove any excess ED PRIMER II and dry.</p> 	<p><b>4</b> Dispense equal amounts of paste A&amp;B.</p> 
<p><b>5</b> Mix paste A&amp;B for 20 sec.</p> 	<p><b>6</b> Apply mixture of paste to the cavity.</p> 	<p><b>7</b> Mix and place the amalgam.</p> 	<p><b>8</b> Complete the carving and remove the matrix band.</p> 

**E**

Case E

# Amalgam bonding

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E