

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**

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT

# PANAVIA™ 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™ F 2.0 Paste	Paste
PANAVIA™ F 2.0 ED PRIMER II	ED PRIMER II
ALLOY PRIMER	
CLEARFIL™ CERAMIC PRIMER	CERAMIC PRIMER
PANAVIA™ F 2.0 OXYGUARD II	OXYGUARD II

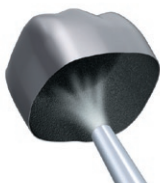
# Case A-1

## 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

- 1** Sandblast, then ultrasonic clean and dry.



- 2** Apply ALLOY PRIMER to the adherent surface if precious metal are used.

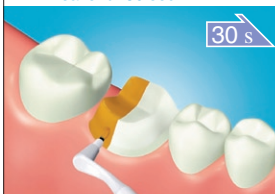


- 3** Mix equal amounts of ED PRIMER II A&B. Mixed ED PRIMER II initiates set of cement.



\*The mixture must be used within 5 min. after mixing.

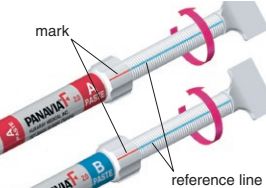
- 4** Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.



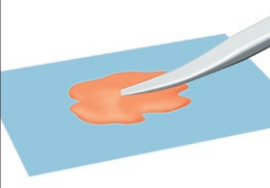
- 5** Remove any excess ED PRIMER II and dry.



- 6** Dispense equal amounts of paste A&B.



- 7** Mix paste A&B for 20 sec.



- 8** Apply the mixture to the restoration.



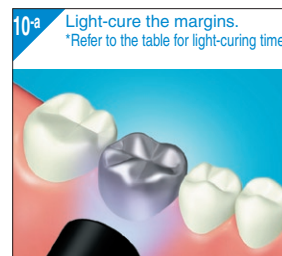
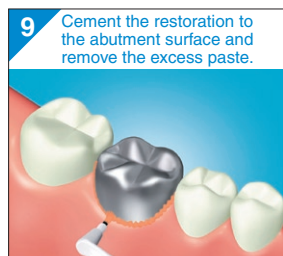
②-1

**Case A-1**

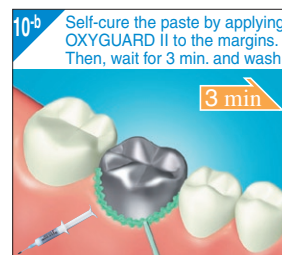
**Cementation of crowns, bridges, inlays and onlays made of metal**

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

**A**



**OR**







②-2

## 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  
**PANAVIA F<sup>2.0</sup>**  
**Complete Kit** KURARAY MEDICAL INC.

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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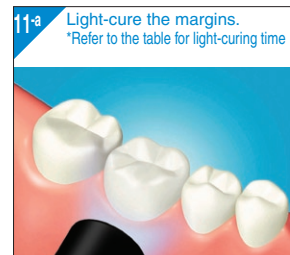
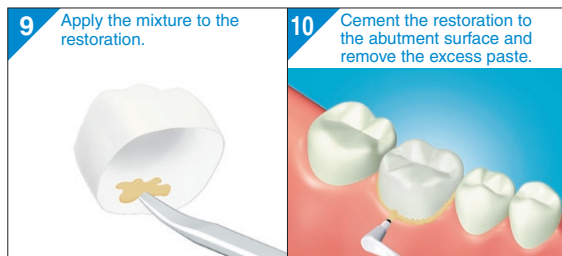
③-1

# Case A-2

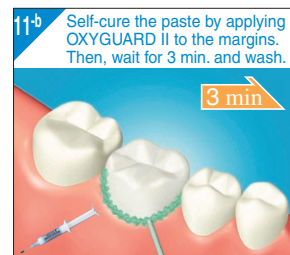
Cementation of crowns, bridges, inlays and onlays made of conventional porcelain, ceramic, hybrid ceramics or composite resin

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



OR










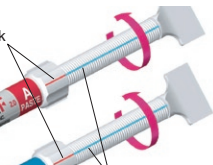
③-2

## Case B

### Cementation of veneers

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA F<sup>2.0</sup>**  
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B

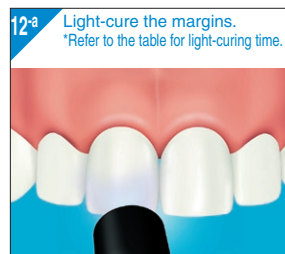
<p><b>1</b> As necessary, sandblast the adherent surface of veneer with care to prevent the edges from chipping, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply phosphoric acid (e.g. K-ETCHANT GEL) to the adherent surface, leave for 5 sec., wash and dry.</p>  <p>5 s H<sub>2</sub>O ↓ Air</p>	<p><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>

## Case B

### Cementation of veneers

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



OR



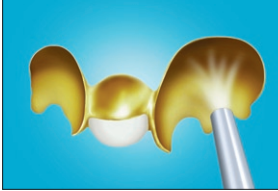


# Case C

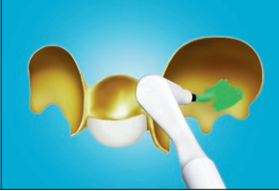
## Cementation of adhesion bridges

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA F 2.0**  
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**1** Sandblast, then ultrasonic clean and dry.




**2** Apply ALLOY PRIMER to the adherent surface if precious metal are used.



**3** Apply phosphoric acid (e.g. K-ETCHANT GEL) to the enamel surface for 10 sec. Rinse and dry.




**4** Mix equal amounts of ED PRIMER II A&B. Mixed ED PRIMER II initiates set of cement.




\*The mixture must be used within 5 min. after mixing.

C

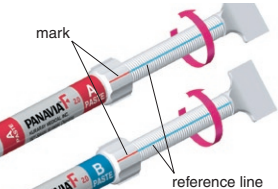
**5** Apply mixed ED PRIMER II to the abutment surface and leave for 30 sec.




**6** Remove any excess ED PRIMER II and dry.



**7** Dispense equal amounts of paste A&B.



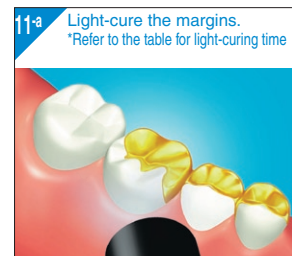
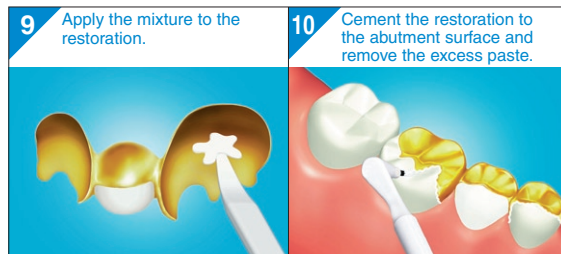
**8** Mix paste A&B for 20 sec.



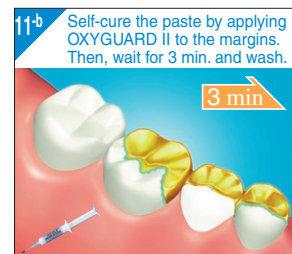
# Case C

## Cementation of adhesion bridges

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OR



C

## Case D

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

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
**PANAVIA F<sup>2.0</sup>**  
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### 1 Treatment of post surface.

**For metal post :** Sandblasting, then ultrasonic clean and dry. If the post is precious metal, apply ALLOY PRIMER and dry.

**For glass-fiber post :** Apply phosphoric acid (e.g. K-ETCHANT GEL), leave for 5 sec., wash and dry. Apply CERAMIC PRIMER, and dry.



### 2 Mix equal amounts of ED PRIMER II A&B. Mixed ED PRIMER II initiates set of cement.



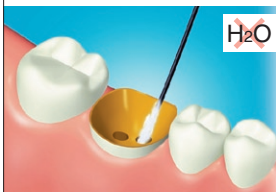
\*The mixture must be used within 5 min. after mixing.

### 3 Apply the mixed primer to the root canal and the cavity wall, and leave for 30 seconds.

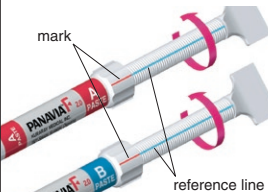


D

### 4 Wipe away the excess mixed primer and dry.



### 5 Dispense equal amounts of paste A&B.



### 6 Mix paste A&B for 20 sec.



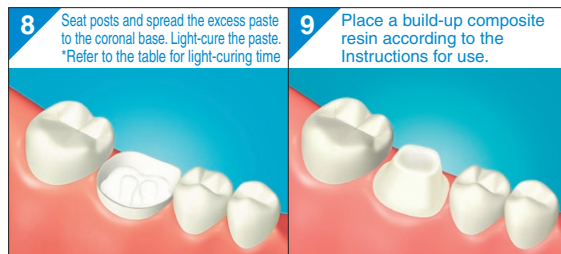
### 7 Coat posts with mixed paste.



# Case D

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

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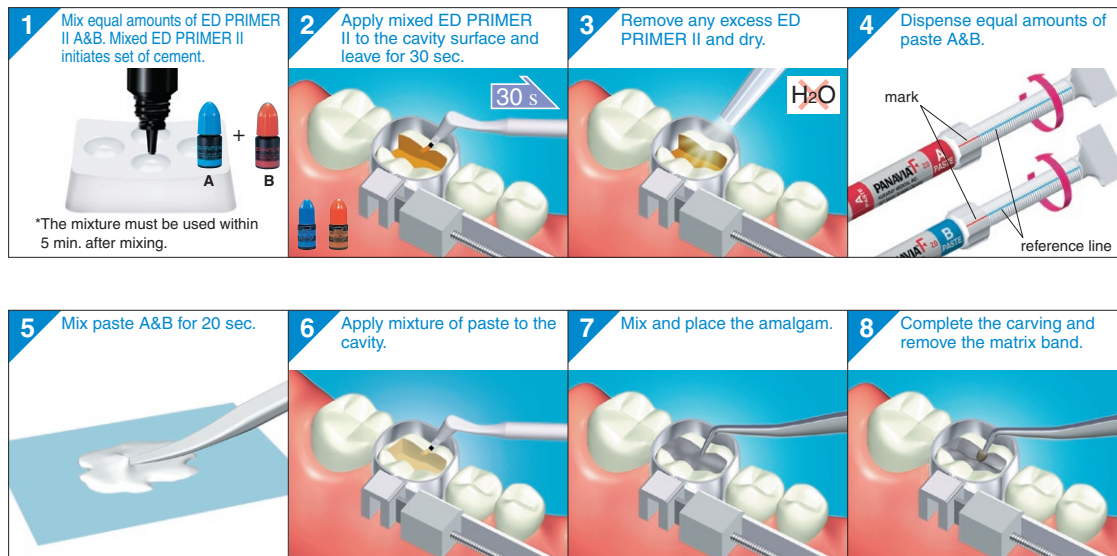


D

## Case E

### Amalgam bonding

DENTAL DUAL-CURED ADHESIVE RESIN CEMENT  
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**Case E**

**Amalgam bonding**

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