



ADHESIVE RESIN CEMENT SYSTEM

**PANAVIA™ V5**

Flow Chart Sheet



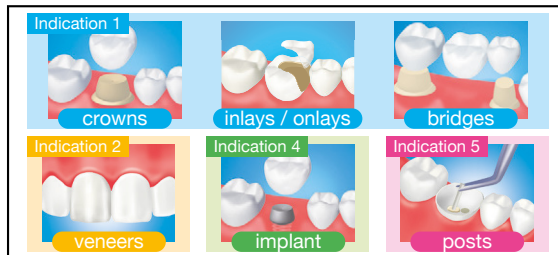
Kuraray Noritake Dental Inc.

1621 Sakazu, Kurashiki,  
Okayama 710-0801, Japan

## Indications for Use

- 1) Cementation of crowns, bridges, inlays and onlays
- 2) Cementation of veneers
- 3) Cementation of adhesion bridges and splints\*
- 4) Cementation of prosthetic restorations on implant abutments and frames\*
- 5) Cementation of posts and cores
- 6) Amalgam bonding\*

\* Please refer to the IFU for 3), 4) and 6) of indications.

**Table1: Working time**

Working time after initial dispensing (23°C/ 73°F)	<b>2 min.</b>
Working time after insertion of the paste into the cavity (37°C/ 99°F)	<b>60 sec.</b>

**Table2: Curing time for type of light source**

Type of light source (Light intensity)	Curing time
High-intensity BLUE LED* (More than 1500 mW/cm <sup>2</sup> )	<b>Twice for 3 to 5 sec.</b>
BLUE LED* (800-1400 mW/cm <sup>2</sup> )	<b>10 sec.</b>
Halogen lamp (More than 400 mW/cm <sup>2</sup> )	<b>10 sec.</b>

The effective wavelength range of each dental curing unit must be 400 - 515 nm.  
\* Peak of emission spectrum: 450 - 480 nm.

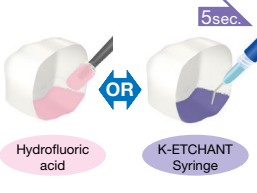








We mention the abbreviated product name in this sheet.  
CLEARFIL CERAMIC PRIMER PLUS

➔ CERAMIC PRIMER PLUS

# Indication 1 Cementation of Crowns

## Silica-Based Ceramics (e.g. Lithium Disilicate)

Clean and dry the tooth surface in the usual manner. As necessary, trial fit the crown using the Try-in Paste, wash and remove.


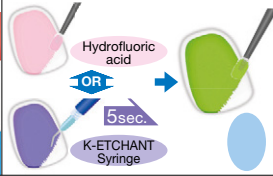








<p><b>1</b> Apply hydrofluoric acid or K-ETCHANT Syringe, rinse and dry.</p>  <p>Hydrofluoric acid</p> <p>K-ETCHANT Syringe</p>	<p><b>2</b> Apply CERAMIC PRIMER PLUS and dry.</p> 	<p><b>3</b> Apply Tooth Primer, leave for 20 sec., and thoroughly dry with mild air.</p> 	<p><b>4</b> Dispense cement and place the crown.</p> 
<p><b>5</b> Remove the excess cement using either method.</p> <p>Opaque shade is used for method B.</p>	<p><b>A. Tack-curing</b></p> <p>① Light-cure for 3 to 5 sec.</p>  <p>② Remove with a dental explorer.</p> 	<p><b>B. Using a small brush</b></p> <p>① Remove with a small brush.</p>  <p>② Light-cure margins. Refer to table 2.</p> 	<p><b>6</b> Maintain isolation for 3 minutes, or light-cure* for translucent crowns.</p> 

\* Refer to table 2. The opaque shade is self-cure only.

# Indication 2 Cementation of Veneers

## Silica-Based Ceramics (e.g. Porcelain)

Clean and dry the tooth surface in the usual manner.

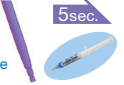

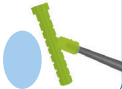






<p><b>1</b> As necessary, trial fit the veneer using Try-in Paste, wash and remove.</p> 	<p><b>2</b></p> <ul style="list-style-type: none"><li>① Apply hydrofluoric acid or K-ETCHANT Syringe, rinse and dry.</li><li>② Apply CERAMIC PRIMER PLUS and dry.</li></ul> <p>Hydrofluoric acid OR K-ETCHANT Syringe 5sec.</p> 	<p><b>3</b></p> <ul style="list-style-type: none"><li>① Apply K-ETCHANT Syringe to the enamel, leave for 10sec., rinse and dry.</li><li>② Apply Tooth Primer, leave for 20 sec., and thoroughly dry with mild air.</li></ul>  
<p><b>4</b> Dispense cement and place the veneer.</p> 	<p><b>5</b> Remove the excess cement using either method. Opaque shade is used for method B.</p> <p><b>A. Tack-curing</b> OR <b>B. Using a small brush</b></p> <ul style="list-style-type: none"><li>① Light-cure for 3 to 5 sec.</li><li>② Remove with a dental explorer.</li></ul>   <ul style="list-style-type: none"><li>① Remove with a small brush.</li><li>② Light-cure margins. Refer to table 2.</li></ul>  	<p><b>6</b> Maintain isolation for 3 minutes, or light-cure* for translucent veneers.</p> 

\* Refer to table 2. The opaque shade is self-cure only.

# Indication 5 Cementation of Posts

PANAVIA<sup>TM</sup> V5

After preparation of the cavity and trial fit of the post.

<p><b>1 Treatment of the post</b></p> <p><b>Glass-fiber and ceramic posts</b></p> <p>① Apply K-ETCHANT Syringe, leave for 5 sec., rinse and dry. </p> <p>② Apply CERAMIC PRIMER PLUS and dry. </p>	<p><b>Metal posts</b></p> <p>① Blast with alumina powder, then ultrasonic clean and dry. </p> <p>② Apply CERAMIC PRIMER PLUS and dry.</p>	<p><b>2 Apply Tooth Primer, leave for 20 sec.</b></p> 	<p><b>3 Remove any excess liquid with a paper point, and thoroughly dry with mild air.</b></p> 
<p><b>4 Apply the mixed paste over the post or the entire tooth surface*.</b></p> 	<p><b>5 Place the post quickly, by slightly vibrating it.</b></p> 	<p><b>6 Spread the excess cement over the coronal base and post head, then light-cure*.</b></p> 	<p><b>7 Place the core buildup composite resin*.</b></p> 

\* Refer to table 1 for Working time

\* Refer to table 2. For the opaque shade, set for 3 minutes after placement of the post.

\* Prepare the abutment tooth 6 minutes after seating the dental post.




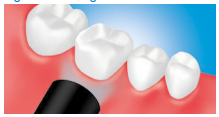

# Indication 1 Cementation of Crowns

PANAVIA<sup>TM</sup> V5

## Zirconia

Clean and dry the tooth surface in the usual manner. As necessary, trial fit the crown using the Try-in Paste, wash and remove.

<p><b>1</b> Blast with alumina powder, then ultrasonic clean and dry.</p> 	<p><b>2</b> Apply CERAMIC PRIMER PLUS and dry.</p> 	<p><b>3</b> Apply Tooth Primer, leave for 20 sec., and thoroughly dry with mild air.</p> 	<p><b>4</b> Dispense cement and place the crown.</p> 
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<p><b>5</b> Remove the excess cement using either method.</p> <p>Opaque shade is used for method B.</p>	<p><b>A. Tack-curing</b></p> <p>① Light-cure for 3 to 5 sec.</p>  <p>② Remove with a dental explorer.</p>  <p><b>B. Using a small brush</b></p> <p>① Remove with a small brush.</p>  <p>② Light-cure margins. Refer to table 2.</p> 	<p><b>6</b> Maintain isolation for 3 minutes, or light-cure* for translucent crowns.</p> 
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**OR**

\* Refer to table 2. The opaque shade is self-cure only.

# Primers for Pretreatment

Tooth, Intra-oral  
composite resins  
or Metals



Enamel  
(Adhesion bridges  
or veneers)  
or Uncut enamel



Metals



Metal oxides  
(Zirconia)



Implant  
abutments  
and Frames



Silica-based  
ceramics



Glass-fiber  
posts



Composite  
resins



OR<sup>\*1</sup>

**PANAVIA™ V5**  
**Tooth Primer**

Apply, Wait for 20 sec.,  
& thoroughly dry  
with mild air.

**CLEARFIL™**  
**CERAMIC PRIMER PLUS**

Apply & Dry

**Conditioning** \*2

- Sandblast, rinse & dry
- Apply hydrofluoric acid, rinse & dry \*1
- Apply K-ETCHANT Syringe, leave for 5 sec, rinse & dry

\*1 If your laboratory already treated with a hydrofluoric acid, cleaning and activating with K-ETCHANT Syringe just before applying CERAMIC PRIMER PLUS is recommended, as necessary.

\*2 For a detailed procedure, please check the Instructions for Use.