



ADHESIVE RESIN CEMENT SYSTEM

**PANAVIA™ V5**

Flow Chart Sheet



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## 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.

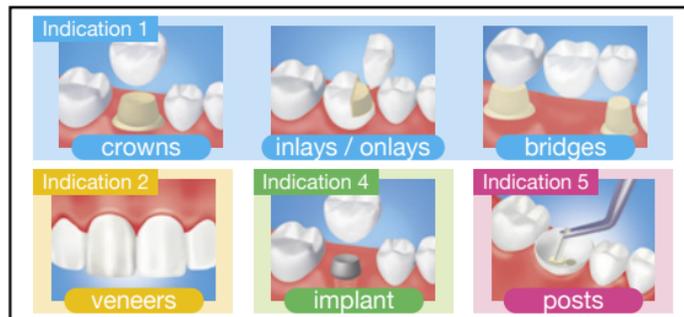


Table1: Working time

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

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.

- 1** Blast with alumina powder, then ultrasonic clean and dry.



- 2** Apply CERAMIC PRIMER PLUS and dry.



- 3** Apply Tooth Primer, leave for 20 sec, and dry.



- 4** Dispense cement and place the crown.



- 5** Remove the excess cement using either method.

Opaque shade is used for method B.

### A. Tack-curing

- ① Light-cure for 3 to 5 sec.



- ② Remove with a dental explorer.



### B. Using a small brush

- ① Remove with a small brush.



- ② Light-cure margins. Refer to table 2.



- 6** Maintain isolation for 3 minutes, or light-cure\* for translucent crowns.



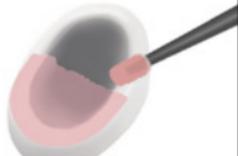
\* Refer to table 2. The opaque shade is self-cure only.

# Indication 1 Cementation of Crowns

PANAIA™ V5

## Silica-based ceramics (ex. 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> Etch with hydrofluoric acid and rinse.</p>  <p>Hydrofluoric acid</p>	<p><b>2</b> Apply CERAMIC PRIMER PLUS and dry.</p>  	<p><b>3</b> Apply Tooth Primer, leave for 20 sec, and dry.</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>3~5sec.</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> 

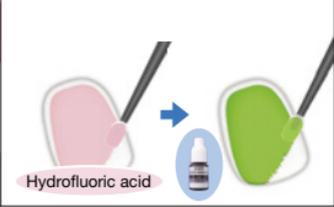
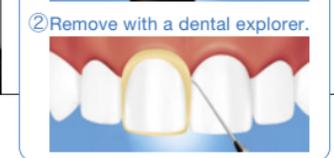
\* Refer to table 2. The opaque shade is self-cure only.

# Indication 2 Cementation of Veneers

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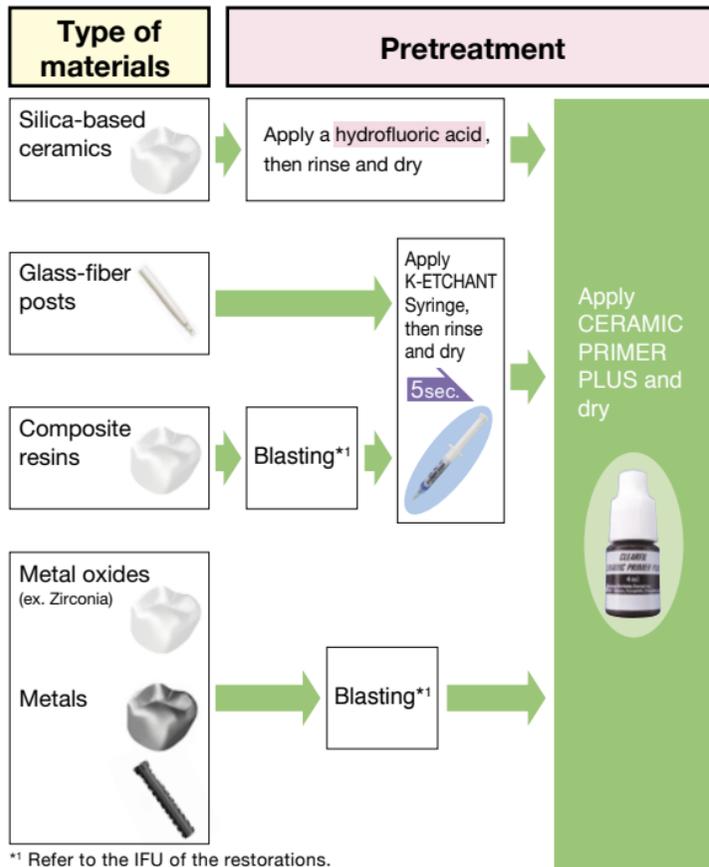
## Silica-based ceramics (ex. Porcelain)

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> ① Etch with hydrofluoric acid and rinse. ② Apply CERAMIC PRIMER PLUS and dry.</p> <p>Hydrofluoric acid</p> 	<p><b>3</b> ① Apply K-ETCHANT Syringe to the enamel, leave for 10sec, rinse and dry.</p> 	<p>② Apply Tooth Primer, leave for 20 sec, and dry.</p> 
<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> <p>① Light-cure for 3 to 5 sec.</p>  <p>② Remove with a dental explorer.</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 veneers.</p> 

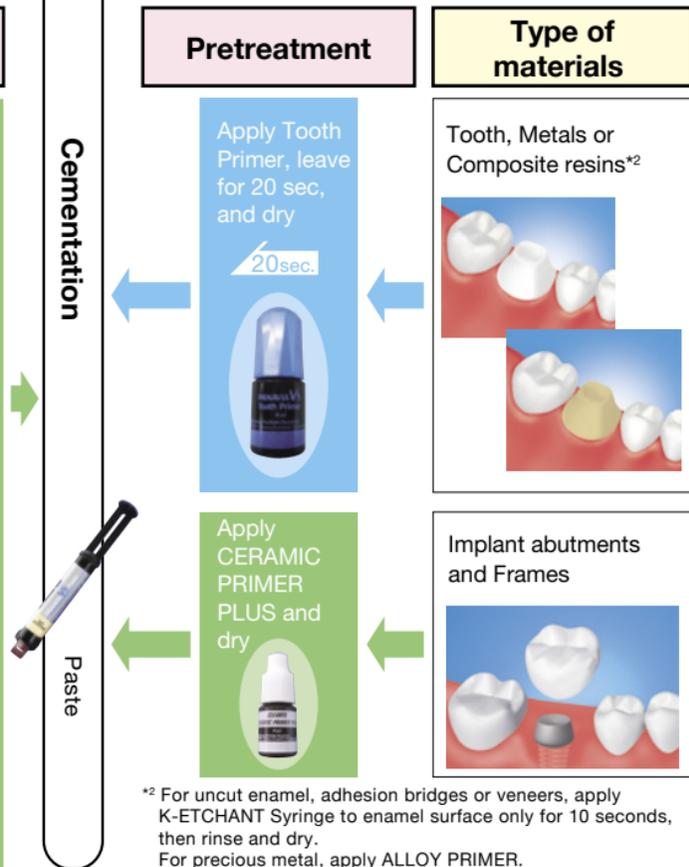
\* Refer to table 2. The opaque shade is self-cure only.

## Pretreatment of the prosthetic restoration / posts



\*1 Refer to the IFU of the restorations.

## Pretreatment of the cavity / stump

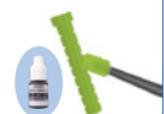
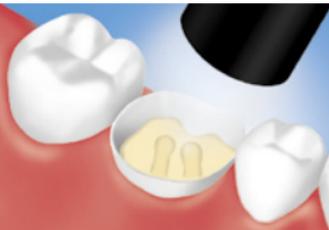


\*2 For uncut enamel, adhesion bridges or veneers, apply K-ETCHANT Syringe to enamel surface only for 10 seconds, then rinse and dry.  
For precious metal, apply ALLOY PRIMER.

# Indication 5 Cementation of Posts

PANAVIA V5

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

<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 and dry.</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, as 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.