

# Indication 1 Cementation of Crowns

## Zirconia

PANAVIA<sup>TM</sup> V5

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 thoroughly dry with mild air.

**4** Dispense cement and place the crown.

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

**A. Tack-curing**

① Light-cure for 3 to 5 sec.

3~5sec.

② Remove with a dental explorer.

**B. Using a small brush**

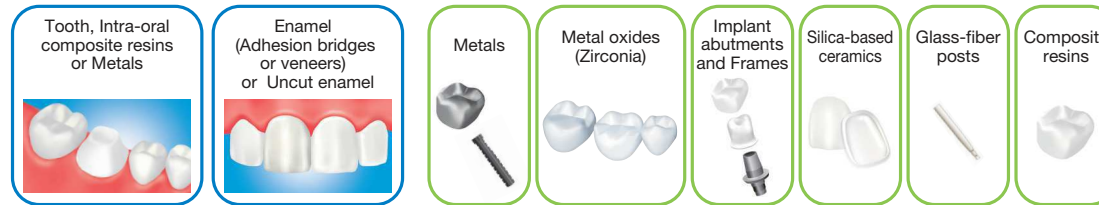
① Remove with a small brush.

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.

## Primers for Pretreatment



**PANAVIA<sup>TM</sup> V5 Tooth Primer**  
 Apply, Wait for 20 sec., & thoroughly dry with mild air.

**CLEARFIL<sup>TM</sup> 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.

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ADHESIVE RESIN CEMENT SYSTEM

PANAVIA<sup>TM</sup> 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)	2 min.
Working time after insertion of the paste into the cavity (37°C/ 99°F)	60 sec.

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

➔ CERAMIC PRIMER PLUS

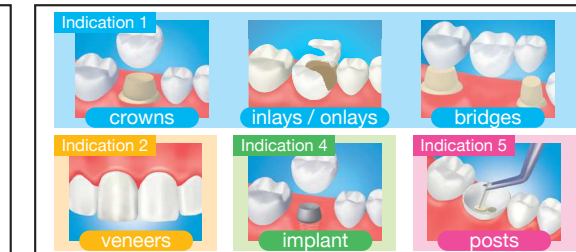


Table2: Curing time for type of light source

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

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

## Indication 1 Cementation of Crowns

PANAVIA V5

### 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.

<b>1</b> Apply hydrofluoric acid or K-ETCHANT Syringe, rinse and dry.	<b>2</b> Apply CERAMIC PRIMER PLUS and dry.	<b>3</b> Apply Tooth Primer, leave for 20 sec., and thoroughly dry with mild air.	<b>4</b> Dispense cement and place the crown.
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<b>5</b> Remove the excess cement using either method.  Opaque shade is used for method B.	<b>6</b> Maintain isolation for 3 minutes, or light-cure* for translucent crowns.
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**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.

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

## Indication 2 Cementation of Veneers

PANAVIA V5

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

Clean and dry the tooth surface in the usual manner.

<b>1</b> As necessary, trial fit the veneer using Try-in Paste, wash and remove.	<b>2</b> ① Apply hydrofluoric acid or K-ETCHANT Syringe, rinse and dry. ② Apply CERAMIC PRIMER PLUS and dry.	<b>3</b> ① Apply K-ETCHANT Syringe to the enamel, leave for 10 sec., rinse and dry. ② Apply Tooth Primer, leave for 20 sec., and thoroughly dry with mild air.
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<b>4</b> Dispense cement and place the veneer.	<b>5</b> Remove the excess cement using either method. Opaque shade is used for method B.	<b>6</b> Maintain isolation for 3 minutes, or light-cure* for translucent veneers.
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**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.

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

## Indication 5 Cementation of Posts

PANAVIA V5

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

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