



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.

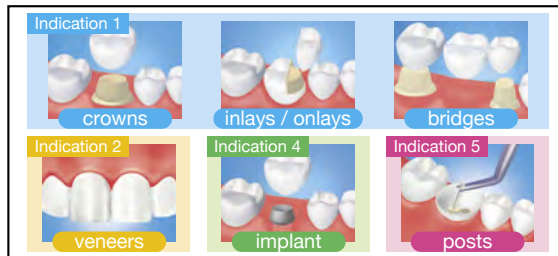


Table1: Working time

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

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 ²)	Twice for 3 to 5 sec.
BLUE LED* (800-1400 mW/cm ²)	10 sec.
Halogen lamp (More than 400 mW/cm ²)	10 sec.

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

PANAVIATM 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.






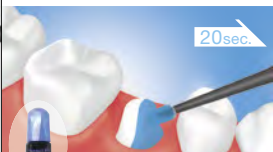
* Refer to table 2. The opaque shade is self-cure only.






Indication 1 Cementation of Crowns

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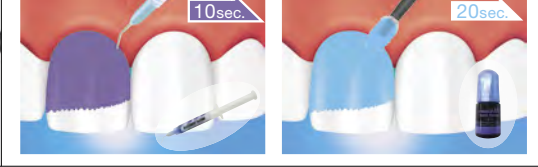

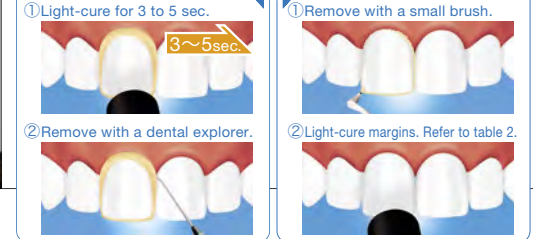

* Refer to table 2. The opaque shade is self-cure only.

Indication 2 Cementation of Veneers

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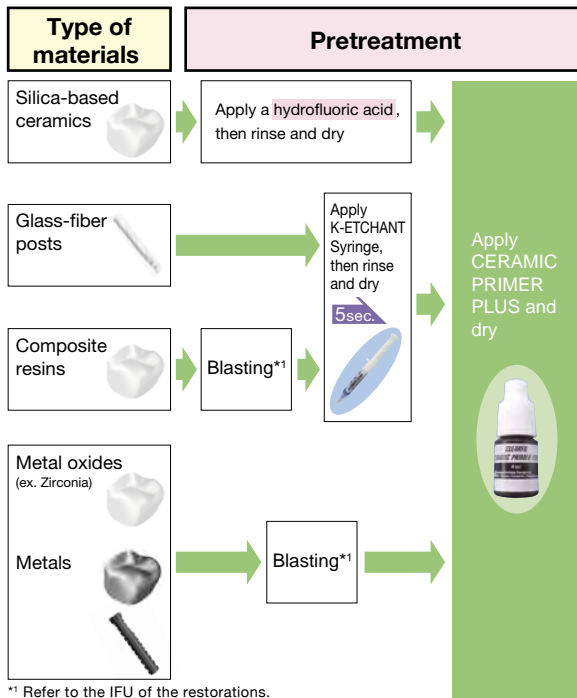
Silica-based ceramics (ex. Porcelain)

Clean and dry the tooth surface in the usual manner.

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

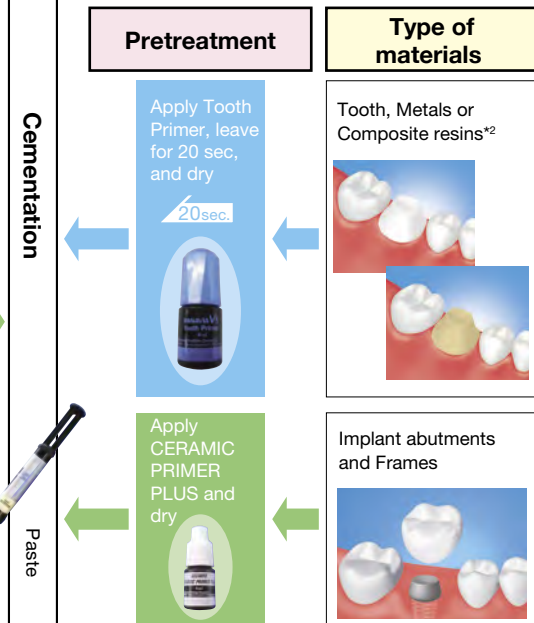
* Refer to table 2. The opaque shade is self-cure only.

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

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

1 Treatment of the post

Glass-fiber and ceramic posts

① Apply K-ETCHANT Syringe, leave for 5 sec, rinse and dry.

② Apply CERAMIC PRIMER PLUS and dry.



Metal posts

① Blast with alumina powder, then ultrasonic clean and dry.
② Apply CERAMIC PRIMER PLUS and dry.



2 Apply Tooth Primer, leave for 20 sec.



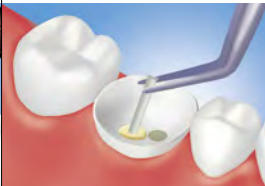
3 Remove any excess liquid and dry.



4 Apply the mixed paste over the post or the entire tooth surface*.



5 Place the post quickly, as slightly vibrating it.



6 Spread the excess cement over the coronal base and post head, then light-cure*.



7 Place the core buildup composite resin*.



* 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.