



Cementation of Laminate Veneers

Silica-Based Ceramics

Clean and dry the tooth surface in the usual manner.

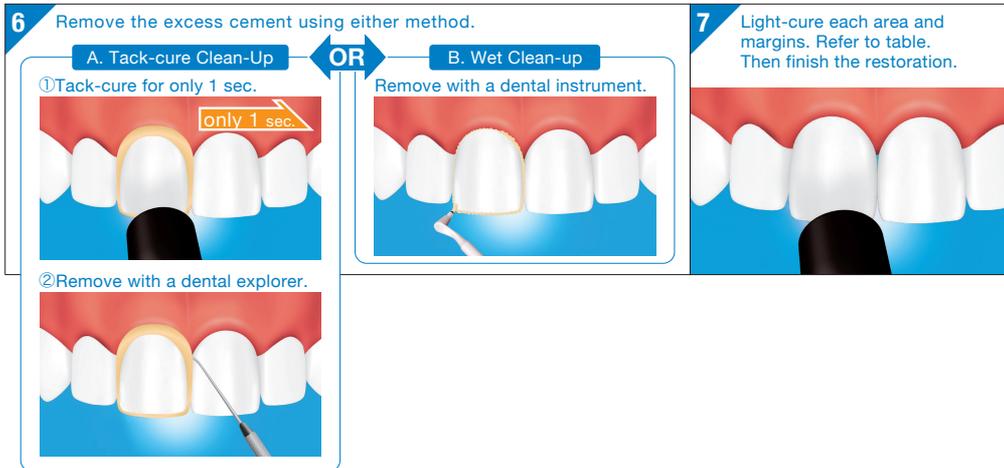
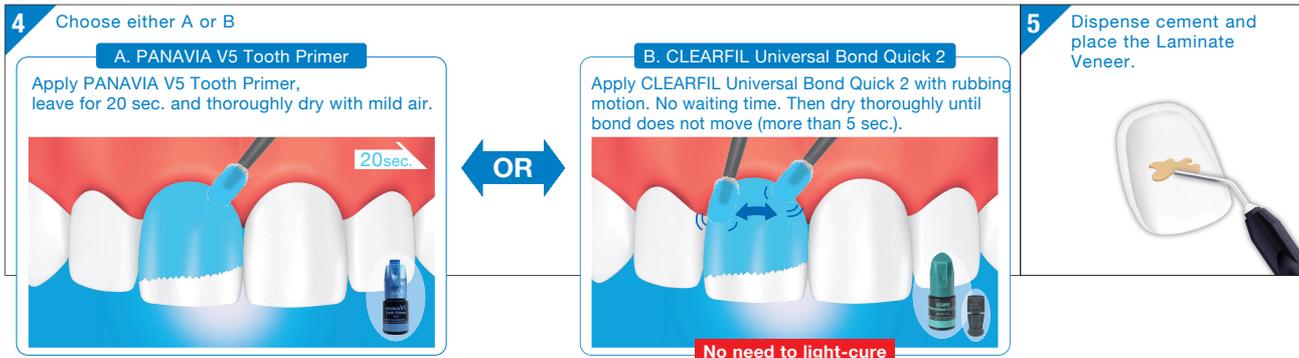
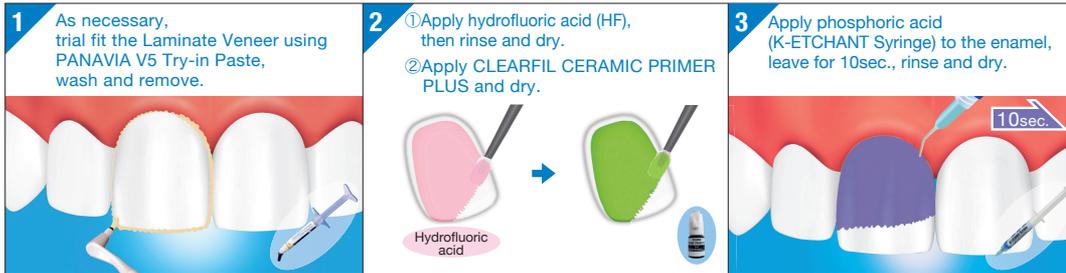


Table: Light-curing time of each Restoration type

Restoration type and shade		Maximum restoration thickness	Type of curing light (Light intensity)		
			High- intensity BLUE LED ($\geq 1500 \text{ mW/cm}^2$)	BLUE LED (1000~1400 mW/cm^2)	Halogen lamp ($\geq 400 \text{ mW/cm}^2$)
Laminate veneer					
Silica-based ceramic (e.g. conventional porcelain, lithium disilicate)	BL shades, A1, A2, A3, A3.5, B1, B2	2.0 mm	Three times for 3 sec. or Twice for 5 sec.	10 sec.	20 sec.
	Other shades			20 sec.	
Hybrid ceramic, composite resin	All shades	1.2 mm		20 sec.	
KATANA Zirconia STML/UTML/YML, KATANA Zirconia Block STML					

Cementation of Inlays/Onlays

Composite Resin

Note: Confirm the restoration thickness (<2mm)

Clean and dry the tooth surface in the usual manner.

1 As necessary, trial fit the Inlay/Onlay using PANAVIA V5 Try-in Paste, wash and remove.



2 Air abrade with alumina powder, then clean with ultrasonic cleaning.



3 Apply CLEARFIL CERAMIC PRIMER PLUS and dry.



4 Choose either A or B

A. PANAVIA V5 Tooth Primer
Apply PANAVIA V5 Tooth Primer, leave for 20 sec. and thoroughly dry with mild air.



B. CLEARFIL Universal Bond Quick 2

①Tooth Pretreatment
Choose either etching procedure.

a. Self-etching
(Move to section ②)

b. Selective-etching
Apply K-ETCHANT Syringe to the uncut and/or cut enamel, then rinse and dry.



c. Total-etching
Apply K-ETCHANT Syringe to the entire cavity (enamel and dentin), then rinse and dry.



②Apply CLEARFIL Universal Bond Quick 2 with rubbing motion. No waiting time. Then dry thoroughly until bond does not move (more than 5 sec.).



③Light-cure the bond. Refer to table 1.



5 Dispense cement and place the Inlay/Onlay.



6 Remove the excess cement using either method.

A. Tack-cure Clean-Up

①Tack-cure for only 1 sec.



②Remove with a dental explorer.



B. Wet Clean-up

Remove with a dental instrument.



7 Light-cure each area and margins. Refer to table 2. Then finish the restoration.



Table 1: Light-curing time of each light source (For CLEARFIL Universal Bond Quick 2)

Type of light source (Light intensity)	Curing time
High-intensity BLUE LED* (More than 1500 mW/cm ²)	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.

Table 2: Light-curing time of each Restoration type (For PANAVIA Veneer LC Paste)

Restoration type and shade	Maximum restoration thickness	Type of curing light (Light intensity)			
		High- intensity BLUE LED (≥ 1500 mW/cm ²)	BLUE LED (1000~1400 mW/cm ²)	Halogen lamp (≥ 400 mW/cm ²)	
Inlays, onlays					
Silica-based ceramic, hybrid ceramic, composite resin	All shades	2.0 mm	Three times for 3 sec. or Twice for 5 sec.	10 sec.	20 sec.
		1.2 mm			
KATANA Zirconia STML/UTML, KATANA Zirconia Block STML					