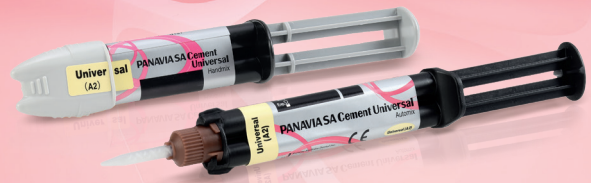


SELF-ADHESIVE RESIN CEMENT

PANAVIA™ SA Cement Universal FLOW CHART SHEET

- ✓ Cementation of crowns, bridges, inlays and onlays
- ✓ Cementation of prosthetic restorations on implant abutments and frames*
- ✓ Cementation of adhesion bridges and splints
- ✓ Cementation of posts and cores
- ✓ Amalgam bonding*



*Refer to the IFU for [2],[3] and [5] of Indications.

INDICATIONS FOR USE

Indication 1



Crowns

Inlays/Onlays

Bridges

Indication 2



Implant

Indication 4



Posts

CONDITIONING THE PROSTHETIC RESTORATION

Follow the instructions for use of the restoration material. In the absence of specific instructions.

We recommend the following procedure:

Silica Based Ceramics
Lithium Silicate Glass
(IPS e. max)¹



Hydrofluoric acid

Apply hydrofluoric acid, then rinse with water and dry.

Metal oxide ceramic
(e.g. Zirconia),
Composita resin



or

Metal



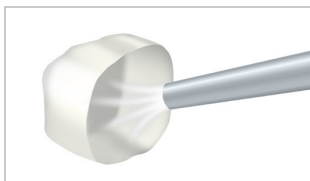
Blast 0.1-0.4 MPa

Blast with alumina powder (30~50 μm), then ultrasonic clean and dry.

¹Other Lithium Disilicates on the market may recommend blasting. In that case, blast with alumina powder (0.1-0.2MPa, 30~50μm), then ultrasonic clean and dry.

INDICATION 1: CEMENTATION OF CROWNS

Clean and dry the tooth surface, and then trial fit the prosthetic restoration.



Conditioning the crown.¹
Clean and dry the tooth surface, and then trial fit the prosthetic restoration, followed by conditioning of the crown.



Only for Handmix
Dispense an equal amount of Paste A & B. Mix Paste A & B for 10 seconds.²

Do not store the mixing pad spatula in the refrigerator to avoid condensation.³



Apply the cement to the crown.²



Place the crown.



Light-cure for 2 to 5 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement.



Maintain isolation for 5 minutes.⁴

¹ Refer to "Conditioning the prosthetic restoration". ² Refer to table 1 for working time. ³ The presence of water can shorten the working time. ⁴ For a translucent restoration, light-cure. Refer to table 2.

INDICATION 4: CEMENTATION OF POSTS

Clean and dry the cavity, and then trial fit the post.



Only for Handmix
Dispense an equal amount of Paste A & B. Mix Paste A & B for 10 seconds.¹



Apply over the entire adherent surface of the post, or the entire tooth surface within the cavity.¹



Place the post quickly into the cavity, slightly vibrating it to prevent air bubbles from entering the root canals.



Spread the excess paste over the coronal base and post head. Light-cure the margins of the post.³

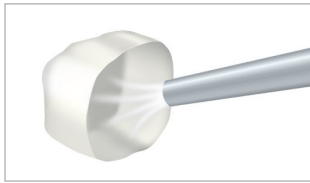


Place the core buildup composite resin.⁵

¹ Refer to table 1 for working time. ² The presence of water can shorten the working time. ³ Refer to table 2. ⁴ BLUE LED (800-1400 mW/m²). ⁵ Prepare the abutment tooth 10 minutes after placing the dental post.

INDICATION 1: CEMENTATION OF CROWNS WITH PANAVIA™ SA CEMENT UNIVERESAL IN COMBINATION WITH CLEARFIL™ Universal Bond Quick (BOND)

Clean and dry the tooth surface, and then trial fit the prosthetic restoration.



Conditioning the crown¹

A. Self-etching
Move to next line below

Tooth Pretreatment
Choose either etching procedure



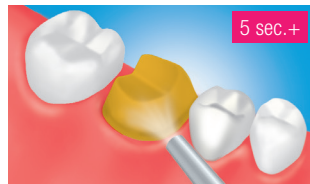
B. Selective-etching
Apply a phosphoric acid to the uncut and/or cut enamel, then rinse and dry.



C. Total-etching
Apply a phosphoric acid to the entire cavity, then rinse and dry.



Apply BOND with a rubbing motion



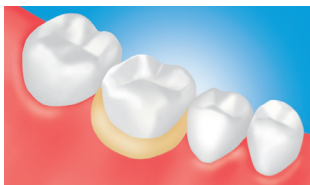
Dry by blowing mild air until BOND does not move²



Only for Handmix
10 sec.
Do not store the mixing pad spatula in the refrigerator to avoid condensation.³
Dispense an equal amount of Paste A & B Mix Paste A & B for 10 seconds⁴



Apply the cement to the crown⁴



Place the crown.



Light-cure for 1 to 2 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement



Maintain isolation for 5 minutes⁵

¹ Refer to "Conditioning the prosthetic restoration". ² Use a vacuum aspirator to prevent BOND from scattering. ³ The presence of water can shorten the working time. ⁴ Refer to table 1 for working time. ⁵ For a translucent restoration, light-cure. Refer to table 2.

TABLE 1 : WORKING TIME

Working time after mixing (23°C/ 73°F) Automix	1 min.
Working time after mixing (23°C/ 73°F) Handmix	2 min.
Working time after insertion of the paste into the cavity (37°C/ 99°F) (when used with CLEARFIL Universal Bond Quick)	40 sec. (30 sec.)

TABLE 2 : CURING TIME FOR TYPE OF LIGHT SOURCE

TYPE	LIGHT SOURCE	LIGHT INTENSITY	CURING TIME
High-intensity BLUE LED	BLUE LED	More than 1500 mW/cm ²	Twice for 3 to 5 sec.
BLUE LED	BLUE LED	800-1400 mW/cm ²	10 sec.
Halogen	Halogen lamp	More than 400 mW/cm ²	10 sec.

* For the light intensity, refer to the IFU of the dental curing unit.

YOUR CONTACT

Kuraray Europe GmbH

BU Medical Products Phone +49 (0)69 305 35 835
Philipp-Reis-Strasse 4 E-Mail centralmarketing@kuraray.com
65795 Hattersheim am Main
Germany

Website www.kuraraynoritake.eu