**INDICATIONS FOR USE**

- **Indication 1**: Cementation of crowns, bridges, inlays and onlays
- **Indication 2**: Cementation of prosthetic restorations on implant abutments and frames*
- **Indication 3**: Cementation of adhesion bridges and splints
- **Indication 4**: Cementation of posts and cores
- **Indication 5**: Amalgam bonding*

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**CONDITIONING THE PROSTHETIC RESTORATION**

Follow the instructions for use of the restoration material. In the absence of specific instructions, we recommend the following procedure:

1. **Silica Based Ceramics**
   - Clean and dry the tooth surface, and then trial fit the prosthetic restoration, followed by conditioning of the crown.

2. **Lithium Silicate Glass (IPS e.max)**
   - Dispense an equal amount of Paste A & B. Mix Paste A & B for 10 seconds.
   - Apply hydrofluoric acid, then rinse with water and dry.

3. **Metal oxide ceramic (e.g. Zirconia), Composita resin**
   - Blast with alumina powder (0.1-0.4 MPa), then ultrasonic clean and dry.

4. **Other 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.**

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**INDICATION 1: CEMENTATION OF CROWNS**

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

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

- **Dispense an equal amount of Paste A & B. Mix Paste A & B for 10 seconds.**

- **Apply the cement to the crown.**

- **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.**

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**INDICATION 4: CEMENTATION OF POSTS**

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

- **Dispense an equal amount of Paste A & B. Mix Paste A & B for 10 seconds.**

- **Apply over the entire adherend surface of the post, or the entire tooth surface within the cavity.**

- **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.**

- **Place the core buildup composite resin.**

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

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

A. Self-etching
Move to next line below

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.

Conditioning the crown

Tooth Pretreatment
Choose either etching procedure

Apply BOND with a rubbing motion
Dry by blowing mild air until BOND does not move

Dispense an equal amount of Paste A & B Mix Paste A & B for 10 seconds

Maintain isolation for 5 minutes
Light-cure for 1 to 2 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement

Place the crown.
Light-cure for 1 to 2 seconds or chemical-cure

Maintain isolation for 5 minutes

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

<table>
<thead>
<tr>
<th>Type</th>
<th>LIGHT SOURCE</th>
<th>LIGHT INTENSITY</th>
<th>CURING TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-intensity BLUE LED</td>
<td>BLUE LED</td>
<td>More than 1500 mW/cm²</td>
<td>Twice for 3 to 5 sec.</td>
</tr>
<tr>
<td>BLUE LED</td>
<td>BLUE LED</td>
<td>600-1400 mW/cm²</td>
<td>10 sec.</td>
</tr>
<tr>
<td>Halogen</td>
<td>Halogen lamp</td>
<td>More than 400 mW/cm²</td>
<td>10 sec.</td>
</tr>
</tbody>
</table>

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