**Indications for Use**

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

* Refer to the IFU of the dental curing unit.

**Flow Chart Sheet**

**Indication 1**
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. Apply over the entire adherend surface of the post, or the entire tooth surface within the cavity.*
2. Place the post quickly into the cavity, slightly vibrating it to prevent air bubbles from entering the root canals.
3. Spread the excess paste over the coronal base and post head.
4. Light-cure the margins of the post.*
5. Light-cure for 2 to 5 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement.
6. Maintain isolation for 5 minutes.*
7. Place the crown.

* Refer to table 1 for working time.
* As necessary, blast with alumina powder, then ultrasonic clean and dry. The air pressure should be properly adjusted to suit the material and/or shape of the prosthetic restoration, using caution to prevent chipping.

**Indication 2**
Cementation of Crowns

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

1. Conditioning the prosthetic restoration
2. Apply over the prosthetic restoration or the entire tooth surface within the cavity.*
3. Place the crown.
4. Light-cure for 2 to 5 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement.
5. Maintain isolation for 5 minutes.*

* Refer to table 1 for working time.

**Indication 3**
Cementation of Posts

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

1. Apply over the entire adherend surface of the post, or the entire tooth surface within the cavity.*
2. Place the post quickly into the cavity, slightly vibrating it to prevent air bubbles from entering the root canals.
3. Spread the excess paste over the coronal base and post head.
4. Place the core buildup composite resin.*

* Refer to table 1 for working time.

**Indication 4**
Cementation of Posts

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

1. Apply over the entire adherend surface of the post, or the entire tooth surface within the cavity.*
2. Place the post quickly into the cavity, slightly vibrating it to prevent air bubbles from entering the root canals.
3. Spread the excess paste over the coronal base and post head.
4. Place the core buildup composite resin.*

* Refer to table 1 for working time.

**Table 1: Working time**

<table>
<thead>
<tr>
<th>Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working time after initial dispensing (23°C/73°F)</td>
<td>1 min.</td>
</tr>
<tr>
<td>Working time after insertion of the paste into the cavity (37°C/99°F)</td>
<td>40 sec.</td>
</tr>
</tbody>
</table>

**Table 2: Curing time for type of light source**

<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></td>
<td>800-1400 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.