Tips & Cautions

- Mixed PANAVIA F 2.0 paste will not set up on the pad.
- Do not use hemostatic agent containing ferric sulfate.
- PANAVIA F 2.0 Opaque shade cannot be light cured.
- PANAVIA F 2.0 can be cured by any type of curing light (Halogen, LED and Plasma arc light).
- For easy clean up, excess cement around the margin may be light cured partially for 2 to 3 sec. (Using conventional halogen or LED light)
- Step by step illustrations for silanating porcelain using Kuraray products. (Please refer to the back.)

Flow Chart Sheet

Silane coupling treatment procedure

1. Sandblast to the internal surface.
2. Apply K-ETCHANT GEL to clean the internal surface for 5 sec.
3. Dispense one drop of each PRIMER and ACTIVATOR on the mixing dish and mix.
4. Apply mixture to restoration.
5. Air dry.
Cementation of precious & semi-precious metal crowns, PFM crowns, bridges, inlays and onlays.

1. **Sandblast, wash & dry.**
2. Apply ALLOY PRIMER to internal surface of precious metal restoration.
4. Gently air dry.
5. Dispense equal amounts of paste A&B.

7. Apply mixture of the paste.
8. Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)

9-a. Light cure the margins. 20 sec. per surface (Conventional halogen or LED light)

9-b. Light cure the margins. 5 sec. per surface (Plasma arc or fast halogen light)

OR

9-c. Self-cure material by applying OXYGUARD II to the margins. Then, wait 3 min.

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Cementation of precious & semi-precious metal crowns, PFM crowns, bridges, inlays and onlays.
**Cementation of silanated porcelain/composite restorations**

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sandblasting.</td>
</tr>
<tr>
<td>2</td>
<td>Apply K ETCHANT GEL (40% phosphoric acid) to clean surface for 5 sec. Rinse and dry.</td>
</tr>
<tr>
<td>3</td>
<td>Mix equal amounts of CLEARFIL SE BOND or LINER BOND 2V Primers with PORCELAIN BOND ACTIVATOR (Silane). Apply mixture and air dry.</td>
</tr>
<tr>
<td>4</td>
<td>Mix equal amounts of ED PRIMER II A&amp;B. Apply to the tooth. Then, wait 30 sec.</td>
</tr>
<tr>
<td>5</td>
<td>Gently air dry.</td>
</tr>
<tr>
<td>6</td>
<td>Dispense equal amounts of paste A&amp;B. Mix paste A&amp;B for 20 sec. minimum.</td>
</tr>
</tbody>
</table>

**Additional Steps**

7. Apply the mixture of the paste.

8. Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)

9-a. Light cure the margins. 20 sec. per surface (Conventional halogen or LED light) 5 sec. per surface (Plasma arc or fast halogen light)

OR

9-b. Self-cure material by applying OXYGUARD II to the margins. Then, wait 3 min.
Cementation of ceramic oxide restorations: PROCERA™, IN-CERAM™, CERCON™ and other zirconia prostheses.

2. Gently air dry.
3. Dispense equal amounts of paste A&B.

5. Apply the mixture of the paste to the sandblasted core.

Cementation of porcelain veneers

1. Hydrofluoric acid etched veneer. If veneer is pre-etched by laboratory go to step 2.
2. Apply KETCHANT GEL (40% phosphoric acid) to clean the internal surface for 5 sec.
3. Mix equal amounts of CLEARFIL SE BOND or LINER BOND 2V Primers with PORCELAIN BOND ACTIVATOR (Silane). Apply mixture and air dry.

4. Apply KETCHANT GEL (40% phosphoric acid) to the enamel surface for 10 sec. Rinse and gently air dry.
6. Gently air dry.
**PANAVIA F 2.0**

### Cementation of porcelain veneers

7. Mark


9. Apply mixture of the paste directly to silane.

10. Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)

**OR**

- Light cure the margins. 20 sec. per surface (Conventional halogen or LED light)
- 5 sec. per surface (Plasma arc or fast halogen light)

11. Self-cure material by applying OXYGUARD II to the margins. Then, wait 3 min.

### Cementation of precious restorations (Adhesions bridges/Maryland bridges)

1. Sandblast, wash & dry.

2. Apply ALLOY PRIMER to internal surface of precious metal restoration.

3. Apply KETCHANT GEL (40% phosphoric acid) to the tooth for 10 sec. Rinse and dry.


5. Gently air dry.

6. Dispense equal amounts of paste A&B.
Cementation of precious restorations (Adhesion bridges/Maryland bridges)

8. Apply the mixture of the paste to sandblasted metal.
9. Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)


OR

9-b. Light cure the margins, 20 sec. per surface (Conventional halogen or LED light) 5 sec. per surface (Plasma arc or fast halogen light)

Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.

Cementation of cores or prefabricated posts.

1. Sandblasting.
2. If the post is precious metal, apply ALLOY PRIMER, air dry.

5. Dispense equal amounts of paste A&B.
Cementation of cores or prefabricated posts.

7. Seat posts and apply excess cement to coronal tooth structure.
8. Place build-up composite directly on PANAVIA F 2.0 light or self-cure.

Amalgam bonding

1. Mix equal amounts of ED PRIMER II A&B. Apply to the tooth. Then, wait 30 sec. *ED PRIMER II initiates set of cement
2. Gently air dry.

4. Apply mixture of paste to the base of the preparation.
5. Mix and place the amalgam.
6. Complete the carving and remove the matrix band.
Amalgam bonding

Remove excess cement. (For easy clean up, partially light-cure the excess cement for 2-3 sec. with conventional halogen or LED light, then remove the excess.)

8-a
Light cure the margins.
20 sec. per surface
(Conventional halogen or LED light)
5 sec. per surface
(Plasma arc or fast halogen light)

OR

8-b
Self cure material by applying OXYGUARD II to the margins. Then, wait 3 min.

9
Complete the polishing.