Cementation of Indirect Restorations Using Panavia F 2.0

Shasta Dental SUPPLY
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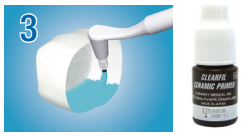
Silica Based Ceramics

Lithium Disilicate, Porcelain & Composite

Your lab may have already HF Acid Etched the internal surface of the restoration, however try-in contaminates the surface so we recommend proceeding with Step 1, 2 and 3 to maximize bond strength.

1. Aluminum oxide sandblast. Skip and go to step 2 if Lithium Disilicate Restoration (eMax).

2. Etch bonding surface with K-Etchant Gel (phosphoric acid). Wash and Dry.



3. Apply Clearfil Ceramic Primer Plus and leave for 5 seconds. Dry with air.

Proceed to step 4, 4a or 4b.

Metal Oxide Ceramics

Zirconia , Alumina & Non Precious Metal

Metal oxide ceramics such as Procera, Inceram, Zirconia and Lava do not require a silane step. Panavia Paste will bond directly to these metal oxide ceramics, however if you are unsure what your ceramic restoration is proceed to Silica Based Ceramics Steps 1, 2 & 3. Clearfil Ceramic Primer will bond to these metal oxide ceramics because it also contains the same adhesion monomer as Panavia (MDP).

Choose Method 1 or 2

1a. Aluminum oxide sandblast.

1b. Blow out with high air flow.

Or

2a. Apply and rub KATANA Cleaner for at least 10 seconds. Rinse and dry.

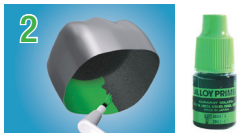
Proceed to step 4, 4a or 4b.

Alloy

Precious, Semi-Precious & Mystery Metals.

Non-precious metals do not require Step 2. Panavia Paste will bond directly to non-precious metals, however if you are unsure what metal was used proceed to Step 2. Alloy Primer will bond to non-precious metals because it also contains the same adhesion monomer as Panavia (MDP).

1. Aluminum oxide sandblast. Blow out with high air flow.



2. Apply Alloy Primer and let dry.

Proceed to step 4, 4a or 4b.

Adhesion Bridge

Ceramic, Semi Precious & Non-precious

1. Aluminum oxide sandblast

Then follow the preparation steps for restoration type (Silica Based Ceramic, Metal Oxide Ceramics or Alloy).

2. Aluminum oxide sandblast bonding surfaces.

3. Enamel Treatment
Etch bonding surface for 10 seconds with Phosphoric Acid. Wash & Dry.

4. Enamel and Dentin Treatment
Mix ED Primer II A & B. Apply and leave for 30 seconds. Dry with gentle air stream.

Other bondable tooth structure surfaces see 4a & 4b.

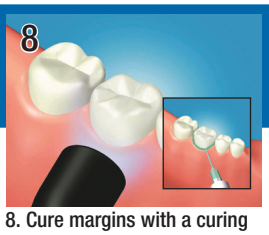
Proceed to step 5.

4. Enamel and Dentin Treatment
Mix ED Primer II A & B. Apply and leave for 30 seconds. Dry with gentle air stream.

5. Dispense equal amount of Panavia F 2.0 Paste A & B. Mix pastes for **20 seconds**.

6. Apply a thin and even layer of cement to the internal surface (bondable surface) of the restoration.

7. Seat restoration and hold in place with finger for 10 seconds. Excess cement may be removed by partially light curing the cement at the margins for 2-3 seconds. Remove "gelled" cement with a hand instrument.



8. Cure margins with a curing light. 20 seconds each surface for a conventional halogen curing unit.
-OR-
Apply Oxyguard II on the margins and leave for 3 minutes. Wash off.

Composite Core Build-up Treatment Follow the All Ceramic procedure steps 1-3 then proceed to step 4 (Apply ED Primer).

Alloy, Cast Post and Core Treatment
Follow the Alloy procedure steps 1-2 then proceed to step 4 (Apply ED Primer).

Additional Tips:

1. Panavia F 2.0 Opaque Shade cannot be light cured, must use Oxyguard II.
2. To increase working time when cementing a post substitute ED Primer with Clearfil Photo Bond.
3. Panavia F 2.0 B Paste can be used for shade try-in if necessary.