Receive HF etched veneer from lab. Check for cracks & voids in porcelain and make sure that the veneer is not over-etched. (heavy salt precipitate will be visible if over-etched)

Etch with 32%-37% phosphoric acid to remove excess precipitate and clean veneer after handling. Rinse and dry.

Apply FRESH silane. A two-part silane is the best (Bis-Silane).

Helpful Tip:
- If silane is acetone based: Paint it on – one to two coats is plenty. Let evaporate and then dry.
- If silane is ethanol based: Place one or two drops into veneer and spread around. Let dwell for 30 seconds. Remove excess. Dry.
- Once you silanate a veneer, it can sit for months…even years, until the cementation appointment.

Try-in Veneer with water, luting resin, or try-in paste.

Helpful Tip:
- Most try-in pastes are not an identical colour match to the final luting resin. It is best to use the luting resin for try-in, when possible.
- Use porcelain bonding resin, or water, to “wet” the surface of the veneer during try-in. This helps bring out the true colour.
- To add a halo to the incisal edge: mix in a small drop of violet tint with the try-in paste at incisal edge of the veneer.
- To add chroma at the cervical area: mix in a small drop of ochre tint with the try-in paste at the cervical of the veneer.

For the BEST RESULTS, remember to...

- Remove excess salt precipitate from HF etched veneer prior to application of silane.
- Always use FRESH silane: Use a 2-part silane (Bis-Silane) or use single-bottle silane within 3 months of opening.
- Apply silane BEFORE try-in: This protects the HF etched porcelain surface from contamination, and will result in the highest bond strengths possible!
- Use Porcelain Bonding Resin (Bisco) on internal surface of veneer!
Veneer Cementation

Tooth Preparation (Total-Etch Technique)

Step 1
Remove temps, pumice teeth, rinse and dry.

Step 2
Etch with 32%-37% phosphoric acid for 15 seconds. Rinse & dry gently (do not over-dry).

Step 3
Apply 1-2 consecutive coats of adhesive of your choice (All Bond 2, All-Bond 3, One-Step, One-Step Plus) to tooth surface. Air syringe to evaporate solvent and light-cure for 10 seconds.

For even better results, ask your lab to send you an un-etched veneer!

5. Clean veneer with ethanol, acetone, or a 15 second phosphoric acid etch. Rinse and dry. DO NOT RESILANATE!! (phosphoric acid WILL NOT remove silane)

6. Apply Porcelain Bonding Resin (Bisco) to internal surface of veneer. DO NOT light-cure. Cover with light-proof lid.

7. Fill veneer with selected shade of light-cure luting resin (Choice 2) and add tint, if any.

Note: • Choice 2 has the highest colour stability of any veneer cement – DeltaE < 1.2!

8. Proceed with cementation. Seat Veneer(s).

 Helpful Tip: • Tack-cure centre of veneer to hold in place (optional).
• Wave curing light over gingival area for 1-2 seconds (about 3-inches away) to “gel” veneer cement for easier clean-up.
• Test your luting resin prior to cementation. Every curing light is different. Put a small amount of luting resin on a pad and cure for 2-3 seconds. If cement is hard, then this is too long. Try again for only 1 second. You do not want to over-cure because this will make clean-up very difficult and messy.

After clean-up, completely cure the veneers from facial and lingual for a minimum of 40 seconds on each surface. Finish and polish.