

ProVeneer™

The Ultimate Resin Based Foundation System for Creating Life Like Veneers

Prior to use, carefully read the instructions for use

ProVeneer™ Life Like Veneers is a complete system for creating custom-made in-office veneers addressing and solving the complicity and high cost associated with porcelain and preformed veneers or matrix systems. Made from a specially formulated resin based foundation material ProVeneer can be fitted to the exact size, shape and margins of the tooth in minutes.

INDICATIONS

Veneering

CONTRAINDICATIONS

In rare cases the product may cause sensitivity to some persons. If such reactions are experienced, discontinue use of the product and refer to a physician.

DIRECTIONS FOR USE

Smile Preview Veneer Preparation

Prior to creating a Smile Preview Veneer for your patient, always check for bruxism and look for protrusive / lateral excursion interferences that may affect the outcome. Select shade using a Vitapan® Classic Shade Guide.

1. Open the blister pack and expose the material.
2. Apply a small amount of ProVeneer resin based foundation material to a tightly pulled gloved finger.
3. Squeeze the material between your fingers prior to placing on the tooth.
4. Turn off your overhead light. Place the material on the incisal half of the tooth. Leave some material on the incisal edge to create a positive rest stop (necessary when cementing the veneer) but not on the lingual.

Tip: If any material is placed on the lingual of the tooth or in undercuts (such as the mesial or distal surfaces of the teeth) remove it before light curing. If you do not, the veneer will fracture upon removal from the tooth.

5. After you are pleased with the shape, contour and positioning of ProVeneer on the incised half of the facial surface of the tooth, use your gloved finger to gently move and sculpt the veneer material to the gum line of the tooth.
6. Move ProVeneer to the middle third of the tooth. Do not drag toward the cervical quite yet.
7. Next, using your gloved pinky finger move the material to the cervical. Avoid bulk material at the gum line. Use your pinky to shape the facial surface.
8. Remove any excess material with your plastic instrument to create a seamless emergence profile & reduce finishing / polishing procedures.

Tip: While standing, determine if the Smile Preview Veneer harmonizes with the adjacent teeth. If not, use your gloved pinky finger and/or plastic instrument to move the material so that it creates the desired illusion and natural appearance.

Removing ProVeneer from the lingual is very important because if any material has gone onto the lingual of the tooth (it typically does) and it is not removed prior to light curing, it will create a labial-lingual lock. If a labial-lingual lock occurs the veneer will fracture when you remove it from the tooth. This is avoidable if you do not place any material on the lingual of the tooth. Also avoid placing the material in undercut areas such as interproximal segments of the tooth that interfere with the path of withdrawal when removing the veneer from the tooth or it will fracture, similar to doing a wax up.

9. Now create subtle illusion affects using light reflections and contouring. Using your gloved pinky finger and / or thin bladed sculpturing instruments you can easily make the tooth look longer or shorter, wider or narrower by compressing ProVeneer against the tooth's surface. This is the time to remove any excess material at the gum line so you will have a seamless emergence profile requiring minimal finishing and polishing if the patient proceeds with work. Do this prior to curing ProVeneer with your light.
10. Finally, using your curing light, harden ProVeneer in five segments, each segment being exposed to the light according to the manufacturer's specifications to ensure optimum curing. The segments to be cured are the incisal, middle of the facial, gingival, mesial and distal.
11. Use a separating saw if inadvertent splinting occurred (floss should pass through the contact).
A note of caution: If a patient has existing composite restorations place a thin layer of petroleum jelly over the existing filling prior to performing the Smile Preview Veneer to prevent inadvertent adhesion. Additionally, if a patient has overlapped teeth or requires crown lengthening, the Smile Preview Veneer can only approximate what you might achieve.

Cementation Technique:

At this point you can use the Direct / Indirect Technique where you lab process and cement the veneer. Another option some dentists like is to use the Direct Technique, without removing the veneer since it will be directly bonded to the tooth.

When using the Direct / Indirect Technique perform the following steps prior to cementation:

Place the Preview Veneer in a microwave safe cup. Fill the cup with distilled water from ½ to ¾ of the cup. Place the cup in a microwave oven and heat for 3 minutes under high power. Carefully remove the ProVeneer after 3 minutes.

1. Dry the veneer and place etchant (recommended use with ProEtch™) on the inner surface of the ProVeneer for 30-60 seconds.

Tip: Prior to applying the etchant you may choose to use a micro-etcher or sand blast the inner surface of the veneer for 2-3 seconds – gently. Rinse and then apply the etchant.

2. Remove the etchant using copious amounts of water.
3. Dry the inner surface of the ProVeneer with a gentle stream of air and apply a thin layer of ProVeneer™ Bonding Agent to the inner surface of the ProVeneer. DO NOT cure the bonding agent.
4. Apply a thin layer of cement of your choice (best performance achieved using ProFil™ Flow) using the same shade as ProVeneer (or adjacent shade).

Tip: Since the ProVeneer is custom made and is form fitting to the tooth, you only need to use a small amount of cement.

5. Apply etchant to the tooth for 15 - 60 seconds & rinse with copious amounts of water.
6. Apply an ample amount of ProVeneer Bonding Agent, leave undisturbed for 15 secs. Gently blow off excess with an air syringe so only a thin layer of bonding agent remains on the tooth. DO NOT cure the bonding agent.
7. Place the ProVeneer filled with cement on the tooth and very gently press the veneer on the tooth. Remove any excess cement.
8. Cure as follows:

Curing Unit	Curing Time (sec)	Light Intensity
Conventional halogen	20	Light intensity of 300 - 550mW/cm ²
Plasma arc	6	Light intensity >2000mW/cm ²
LED	20	Light intensity >300mW/cm ²

FINISHING AND POLISHING

Polishing discs can be used lightly over the surface. Finish and polish with light, gentle polishing. This should take 2 - 3 minutes to achieve a beautiful luster. If you applied ProVeneer correctly you should have no bulk material to trim.

Finishing & polishing is done on lingual surface and to optimize the occlusion.

Check to assure you have a seamless emergence profile with an explorer.

The emergence profile should be seamless. If it is not, use light polishing with a finishing diamond or carbide finishing bur to ensure a ledge free emergence profile. (note no gum tissue bleeding since excess material was removed prior to curing with light).

If necessary use a separating saw to assure flossing ability.

CAUTION

Federal law restricts this device to sale by or on the order of a dentist.

PRECAUTION

For Dental use only.

Further safety instructions: See SDS, available online at: www.silmetdental.com

WARRANTY

Silmet Ltd. will replace product that is proven to be defective. Silmet Ltd. does not accept liability for any damage or loss, direct or consequential, arising from the use of or inability to use the product described. It is the responsibility of the dentist to determine before use, the suitability of the product for its intended use. The dentist assumes all risk and liability in connection therewith.


STORAGE AND USE

1. Do not store material in proximity to eugenol containing material.
2. ProVeneer is designed for use at room temperature (21-24°C), ambient temperatures higher than this may reduce shelf life.
3. Do not expose materials to elevated temperatures or to intense light.

SHELF LIFE

The lot number & expiry date are indicated on the product. Do not use after expiry date.

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