

ProVeneer™ Resin Based Foundation System for Creating Life Like Veneers

ProVeneer™ 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

Direct restorative materials in the treatment of 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.

ESSENTIAL INGREDIENTS

Glass fillers, Amorphous silica, methacrylate resin monomers, Polymerization

DIRECTIONS FOR USE

Smile Preview Veneer (SPV) Preparation

Prior to creating a Smile Preview Veneer (SPV) 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. Apply a thin layer of ProSep™ on the relevant teeth. Let dry (air or heat will speed up drying time). When dry, color will be clear.
2. Open the blister pack and expose the material.
3. Apply a small amount of ProVeneer material to a tightly pulled gloved finger.
4. Squeeze the material between your fingers prior to placing on the tooth.
5. 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 side.
6. 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.
7. Move ProVeneer to the middle third of the tooth. Do not drag toward the cervical quite yet.
8. 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 or with instrument.
9. Remove any excess material to create a seamless emergence profile & reduce finishing / polishing procedures.

Tip: While standing, determine if the SPV is harmonized with the adjacent teeth. If not, use your gloved pinky finger and/or 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 SPV 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 SPV from the tooth or it will fracture.

10. 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 the SPV 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 the SPV with your light.
11. Finally, using your curing light, harden the SPV 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.
Recommended curing time: 20 secs*.
Use a separating saw if inadvertent splinting occurred (floss should pass through the contact).

Hand the patient a mirror to view the outcome. Once the patient is satisfied and is ready to have the SPV cemented, carefully remove (recommended using ProJump™ tool). Follow instructions to prevent damaging the SPV. Remove excess ProSep from tooth.

Cementation:

1. Place the SPV 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 SPV after 3 minutes. If a microwave is not available, place the SPV in a cup filled with hot (not boiling) water for 3 minutes. Do not place SPV on bottom of vessel above direct heat source. Do not boil.
2. Isolate tooth using Teflon tape on mesial and distal sides of tooth.
3. Dry the SPV and remove any ProSep excess.
4. Place etchant (recommended use with ProEtch™) on the inner surface of the SPV 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.

5. Remove the etchant using copious amounts of water.
6. Dry the inner surface of the SPV with a gentle stream of air and apply a thin layer of Bonding Agent of your choice (recommended ProVeneer Bond) to the inner surface of the SPV. DO NOT cure the bonding agent.

7. Apply a thin layer of cement of your choice (best performance achieved using ProFil™ Flow using the same shade as SPV (or adjacent shade).

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

8. Apply etchant to the tooth for 15 - 60 seconds & rinse with copious amounts of water.
9. Apply an ample amount of 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.
10. Place the SPV filled with cement on the tooth and very gently press the veneer on the tooth. Remove any excess cement.
11. Cure for 20 secs*.

* ProVeneer is suitable to be cured by all Light-curing units (Halogen, Led & plasma) that have a luminous intensity of min. 550 mW/cm² (with higher intensity curing time can be reduced by half), emit at 400 -515nm, and that their performance is checked regularly.

Observe the light-curing unit manufacturer's instructions before use with ProVeneer.

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.

SHELF LIFE

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

PRECAUTIONARY INFORMATION FOR PATIENTS

Avoid use of this product in patients with known acrylate allergies. If prolonged contact with oral soft tissues occurs, flush with large amounts of water.

PRECAUTIONARY INFORMATION FOR DENTAL PERSONNEL

Use of protective gloves and a no touch technique is recommended. Acrylates may penetrate commonly used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. If allergic reaction occurs, seek medical attention as needed.

Eugenol-containing dental materials should not be used in conjunction with this product because they may interfere with hardening and cause softening of the polymeric components of the material.

STORAGE & DISPOSAL

Store in a cool and dark place / room temperature (5-30°C / 41-86°F) away from direct sunlight.

Do not store material in proximity to eugenol containing material.

For optimum freshness, keep refrigerated. If refrigerated, allow the syringe to reach room temperature before use.

See the Safety Data Sheet (available at www.silmetdental.com or through your local subsidiary) for disposal & safety information.

CUSTOMER INFORMATION

No person is authorized to provide any information which deviates from the information provided in this instruction sheet.

CAUTION

U.S. Federal Law restricts this device to sale or use on the order of a dental professional.

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.

EU NOTICE Any serious incident that has occurred in relation to the device should be reported to the manufacturer and CA of the member state in which the user and/or patient is established Summary of the SSCP is available at <https://ec.europa.eu/tools/eudamed> Basic UDI-DI: 7290012DMR2X5

- FR Pour des instructions dans d'autres langues:
- DE Die Anleitung in weiteren Sprachen:
- ES Para obtener las instrucciones en otros idiomas:
- IT Per istruzioni in altre lingue:



www.silmetdental.com/downloads/downloads_instruction



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