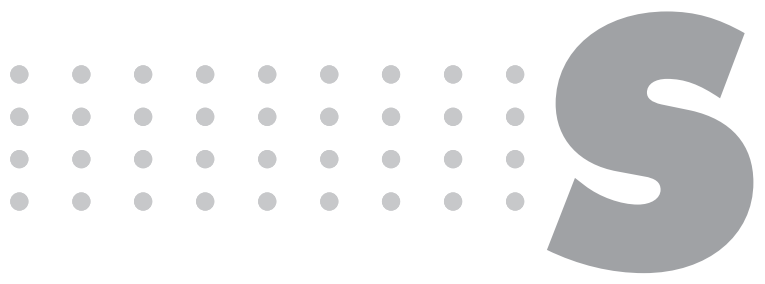




 **SILMET**

ProVeneer

The Ultimate System for Creating LifeLike Veneers





*"Winner's don't do different things,
They do things differently..."*

// Stephen Covey

Background

Surveys done by the Silverman Institute of Cosmetic Dentistry consistently show that 8 out of 10 patients in every dental office have at least one tooth that the patient wants to change in size, shape or appearance. That's a lot of cosmetic dentistry that is being left undone.

Many dentists tend to think we need to place 6, 8 or 10 porcelain veneers to do a smile makeover. That becomes very expensive to our patients. As a result, very few smile makeovers are being done today.

We at Silmet realized that there is a need for a new approach for preparing in office veneers. Thanks to ProVeneer, dentists can now create in one visit a single veneer in 15 minutes or less, with natural looking results, at an affordable price. Furthermore, ProVeneers' patented Smile Preview Veneer (SPV) technique allows patients to determine if they like the size, shape, color and appearance of their teeth BEFORE permanent cementation without the dentist utilizing any prefabricated shell or veneer measuring spoons. Since it's not computer imaging presentation it guarantees what the patients smile will look like in reality. Modifications to the basic components of today's composites have always been proposed. All for reasons of eliminating BPA, stress reduction,

improving volumetric shrinkage, but never for the ease of use as a foundation material for preparing non-porcelain veneers. ProVeneer was developed exclusively for this purpose.

With this latest technology it is possible to solve most of problems with classic veneers and tooth appearance problems. The end result of ProVeneer lifelike veneers are veneers that provide natural looking teeth in just one visit.

In the past it has taken a lot of time and skill to match 1-2 veneers to the adjacent teeth. However, with the new ProVeneer System that will no longer be the case. ProVeneer allows you to create single veneers or even 2-3 veneers with ease.

With ProVeneer you will customize a gorgeous in-office veneer in minutes without using preformed veneers, CAD/CAM or porcelain veneers. And it is not conventional direct bonding. Conventional bonding can take from 30-45 minutes per tooth and is technique sensitive.

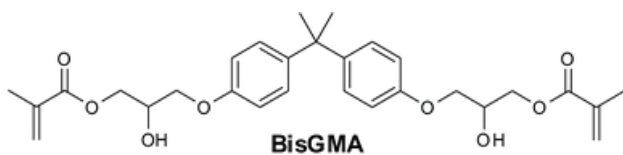


With ProVeneer there is no need for filing, and healthy teeth are preserved.

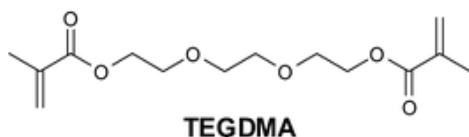
The Chemistry

The monomers present In ProVeneer™ are the same found in the currently commercial composites and, therefore the same physical properties are expected. However, curing of the ProVeneer in an office oven can enhance the physical properties and the optimization and balance of compounds took into consideration the need for a non-sticky material with special handling characteristic and superb polishability to create a veneer as thin as 0.1mm.

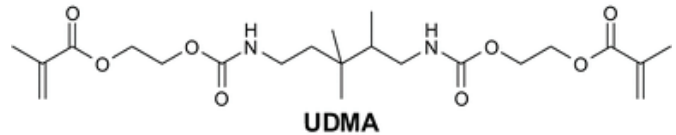
Bis-GMA is an extremely viscous material making inclusion of polymerization initiators very difficult without adding modifiers to change its handling properties. An example of one of these modifiers is bisphenol A dimethacrylate (Bis-DMA), which, when mixed with Bis-GMA, reduces viscosity sufficiently to allow the addition of stabilizers and polymerization initiators resulting in a homogeneous mixture that is easily handled. BPA also is used to synthesize Bis-DMA. Materials containing Bis-DMA can release very small quantities of BPA after coming in contact with salivary enzymes (esterases).



Several alternative aliphatic viscosity modifiers often are used instead of Bis-DMA. One of these alternatives is TEGDMA, which is not synthesized from BPA, nor does it decompose to BPA. Polymerization of Bis-GMA containing materials involves free-radical chemical reactions. Oxygen in the air interferes with this process causing incomplete polymerization at the Bis-GMA/ air interface. Thus, any newly placed restoration or sealant will have a thin surface layer of incompletely polymerized material, which is rapidly lost within hours post-placement.



Urethane modified methacrylate restorative resins (UDMA) not manufactured from BPA were added however their use as a Bis-GMA resin alternative is limited because they do not develop equivalent stiffness and hardness characteristics as Bis-GMA based restoratives.



Adding a percentage of Non-silanated nanofill particles & high-density spheres without altering the resin-to-filler ratio allow the resin matrix to flow around them and react without constraint. Nanoclusters of silane treated zirconia/silica are homogeny distributed to provide cross-link to surrounding resin and allow for high volume-wise filler concentration.

The present ProVeneer has a unique balance between Bis-GMA-TEGDMA-UDMA that provide a none sticky formulation with unique polishability that allows for a non-porcelain veneer to be created as thin as 0.1 mm compared to the conventional composites that are indeed much thicker, that allows for a non-invasive procedure using the ProVeneer.

About Us

Silmet Ltd. specializes in design and manufacture of resin materials for restorative dentistry with a track record of over 40 years. Our production site is designed for mass production using cutting edge technology, advanced automatic machinery and monitoring systems to guarantee supply of high-quality products.

With a proven track of excellent clinical performance, our products are available in the USA, North America, Europe, Asia and Latin America.

We use more than 8% of our revenue for research, development and design of new products and innovative delivery systems.



Health
Canada

The Best Kept Secret in Cosmetic Dentistry



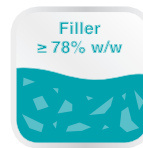
ProVeneer™ Life Like Veneers is a complete system for creating custom-made in-office veneers addressing and solving the complicity and high cost associated with porcelain and preformed veneers or matrix systems. Made from a specially formulated resin-based foundation material ProVeneer can be fitted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

Features & Benefits

Lab free veneer	Complete treatment in one session. Reduced costs for patients.
Preservation of natural tooth	Veneers are so thin, that there is no need in filing down natural tooth
Guaranteed results	Preview Veneer is created to show patient in advance what final result will look like
Easy implementation	Minimal chair time. No risk of failure. Short learning curve.

Physical & Mechanical Properties*

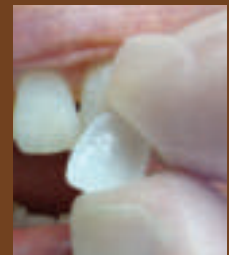
Compressive Strength	>320MPa
The Flexural Strength	>120MPa
Flexural Modulus	>15 GPa
Radiopacity	>2.5mm Al
Vickers Hardness	>80HV
Filler Content	>78 % w/w



* ProVeneer was tested and found to be in compliance with ISO 4049, The bench tests performed on ProVeneer include polish retention; wear resistance, compressive and flexural strength. All tests were performed at Silmet production site.

The Benefits of a Smile Preview Veneer

ProVeneers' patented Smile Preview Veneer (SPV) enables dentists to fabricate in the clinic a specific and unique "one of a kind" veneer to suit the patient's clinical case, in just a few minutes. It is a reversible procedure, as no filing is done prior to final bonding. The Smile Preview allows patients to determine if they like the size, shape, color and appearance of their teeth BEFORE deciding to have the actual veneer work. Since it's not computer imaging, it guarantees what the patient's smile will look like.



Dr. Gary Braunstein

the results are very natural looking, not fake.

Encinitas, California 🌐



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Dr. Robert Wolf

It's the most phenomenal material I have ever used in 35 years doing direct veneers. It polishes like nothing I have ever seen in my life. The color's so incredible.

Bloomington, Illinois 🌐



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Why Dentists choose ProVeneer?

- Greater acceptance by patient
- Place 4 veneers in 1 hour, 1 visit
- No Cad Cam
- No preformed veneers
- Durable to stains (not like ceramics but better than standard composites)
- No lab bills
- "No Selling" marketing program
- Fun, stress free, impactful
- Compatible with all bonding and cements commonly used

Why patients choose ProVeneer?

- Creating Beautiful Smiles
- Affordable
- Faster, easier, better
- Look natural (born with them)
- Guaranteed final results
- Non-invasive
- Micro thin
- Wear and stain resistant
- Same day dentistry

What are the three main concerns patients have about cosmetic dentistry?

- Patients have said they don't want to have their healthy teeth "filed down just to have a nicer looking smile". If you think like a patient, wouldn't you be hesitant to have your enamel irreversibly removed just to enhance the appearance of your teeth?
- Patients don't want to have artificial looking teeth
- Patients want to be able to afford the service

How did Silmet address these concerns with ProVeneer?

- ProVeneer's chameleon ability maintains translucency to create a natural appearance.
- 1/10 of the price of other veneer solutions since dentist don't require Lab/Cad Cam and the material is user friendly and easy to use
- 100% reversible procedure and in case of fracture can easily be fixed

A stunning smile Creates a more confident you

Clinical Evidence

The following Before / After cases were performed internationally and shared with us by dentists practicing ProVeneer. The cases illustrate the significant change ProVeneer can bring to your patients. Next to each case are indicated no. of veneers and chair time.

Before



After



"I can't thank you enough for my amazing new smile. You have totally changed my life."

Kandyce T.

Before



After



"Thank you for my million dollar smile."

Michael C.

No need to be embarrassed about your smile any longer

Before



After



"I like ProVeneer LifeLike Veneers because they are affordable. They are done in one visit and my teeth did not have to be filed down."

L.G.

Before



After



Before



After



Before



After





Before



After



Before



After



Before



After



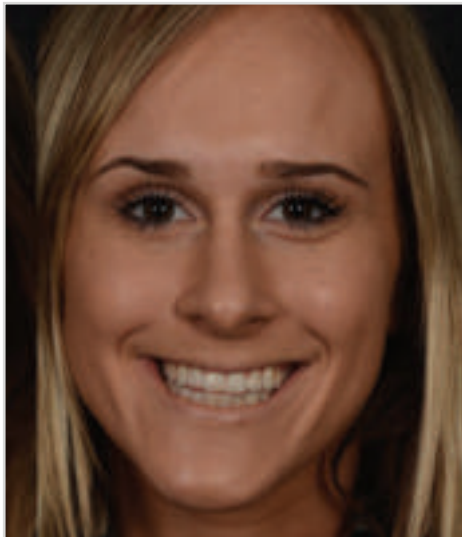
Before



After



Before



After



"I liked the Smile Preview because it was not computer generated. It was actual veneers that were made & put on my teeth so I could see what my smile would look like, in the end, before I even began.

Alyssa A



Before



Founder of Silmet,
Mr. Saul Zalsman
after completing upper
arch treatment

After



Before



After



Before



After



No filing of teeth or discomfort during treatment



"Thank you so much. I really appreciate what you have done, not only for my teeth but also to my confidence. They look and feel great. "

Kim M.



Before



After



Before



After



Before



After



Before



After



Yes, It's Possible.... Beautiful Smile in One Visit



Cosmetic Dentistry Solutions and Their Inadequacies

Over the years, you undoubtedly have tried several systems to solve your patients' cosmetic dentistry problems. Some of the challenges of these systems include the following:

Porcelain Veneers:

Tooth preparation, multiple appointments, often 6–10 teeth, sometimes appears unnatural to patients. Also, expensive.

Pre-formed Veneers:

Tooth preparation is complex and not easy to do, requires impressions/stone models, a lot of work to adapt and shape margins, emergence profile issues. There can also be finishing/polishing issues and compromised esthetics.

Template Technique:

Porosity can occur (hard to correct), there is no oxygen-inhibited layer (thus hard to add to). There can also be cementation issues (if you are not careful when you cement the veneer it could be moved resulting in a crooked smile) and thickness issues.

Our Solution:

After listening to dentists at meetings and during on-site consultations, we learned that many dentists were eager to try a new direct veneer system if it meets the following requirements: looked natural, easy to place, did not stick to gloves or instruments, not complicated, done quickly without disrupting their general practice schedule, was not bulky, did not irritate the gum tissue, and was affordable to patients and doctors.

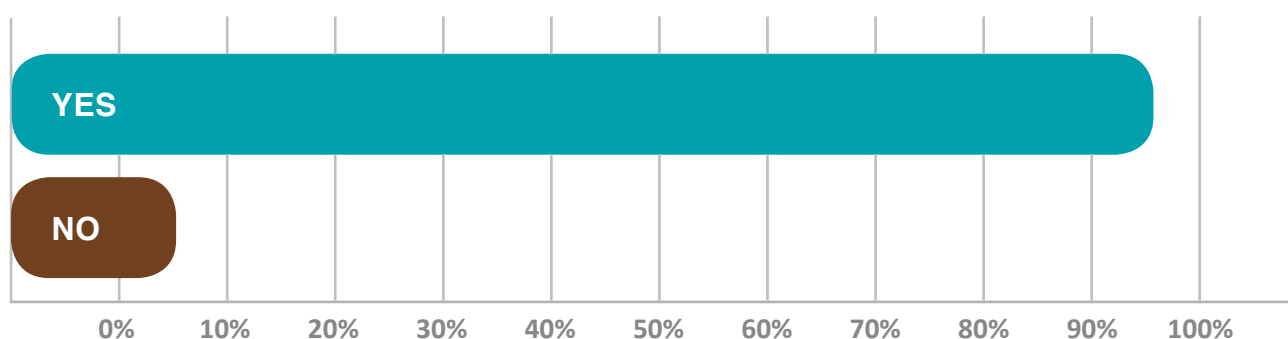
Dentists also wanted to know if a veneer system solve the three main concerns patients have about cosmetic dentistry:

1. It is too expensive
2. It is invasive (patients often say, "I may not like the appearance of my teeth but I don't want them filed down just so they can look better")
3. Will the final results look natural, looking as if the patient was born with this gorgeous smile?

After careful consideration of both professional and patient objections to the treatment solutions offered to solve cosmetic dentistry problems, a new direct veneer system was developed. ProVeneer and the Smile Preview Technique, based on our gathered experience in resin based materials.

	ProVeneer	Porcelain Veneers	CAD-CAM Veneers	Pre-Formed Veneers	Direct Bonding
Affordable	YES	No	No	No	Yes
No tooth prep	YES	No	No	No	Yes
One Visit	YES	No	No	No	Yes
Stress Free	YES	No	No	No	No
Easy to do single veneers	YES	No	No	No	Yes
No layering	YES	No	No	No	No

If I was going to have cosmetic dentistry, I would want to know that the dentist could meet my expectations before deciding to have the work done.



* Survey performed by the Silverman Institute of Cosmetic Dentistry, March 2014

What's a Smile Preview Veneer?

- Reversible and requires no drilling or removal of enamel
- No bonding agents
- 100% painless
- Takes only minutes
- Not computer imaged
- Guarantees what the smile will look like



Micro-thin, durable, non-invasive preview veneer created by the dentist prior to permanent cementation



ProVeneer Training Program

Understanding the importance of hands on experience accompanied by professional training to support our new approach and product, Silmet established a training program. Bringing you our top professional speakers, ProVeneer training consists of a detailed lecture and practical workshops, in which you will be taught the “know how” to achieve high quality performance and best results.

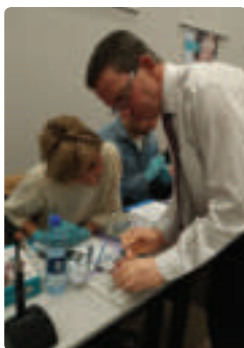


Meet Our Speakers:



Dr. Harvey Silverman D.M.D., F.A.S.D.A., F.A.B.A.D., U.S.A.

- Large Cosmetic Dentistry Practice in Beachwood, Ohio, U.S.A.
- Head of the advisory Board for ProVeneer and developer of other innovative systems implemented in the cosmetic dental industry
- Consultant in professional dental practice development



ProVeneer training course - Oct. 2017, Poznan, Poland



Dr. Moises Fleitman D.D.S, Israel

- Practicing general dentistry and specializing in aesthetic treatments
- Member of the IDA Israeli dental association, ADA and the Chicago Dental Society, USA.
- Experienced lecturer and trainer for leading international companies and organizations. Elected as trainer of the year, Everstick, 2011-2012



ProVeneer training course - Sept. 2018, Buenos Aires, Argentina



Dr. Michal Ganowicz DDS, PhD, Poland

- Specialist in conservative dentistry and endodontics
- Performs endodontic and conservative treatment, both direct and indirect, including occlusion and temporomandibular joints
- Focuses on methods that simplify dental treatment procedures. Convinced that simple methods are the best choice for most dentists



ProVeneer training course - Oct. 2018, Baku, Azerbaijan



Anna Kopytnska-Kaperczyk

Thank you for the course. My ProVeneer system kit has arrived today, I am very excited and can't wait for smile previews to be shown to my patients.



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Dr G.B. Encinitas, CA

Since introducing ProVeneer to my practice I am now doing 30 veneers a month. I love it and my patients say WOW when they see me make a veneer in 2 minutes or less. In my opinion nothing compares to ProVeneer!



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PRODUCT EVALUATION



My Dentist was done in 2 minutes!

PROVENEER™

The Ultimate System For Creating LifeLike Veneers



Why Dentists choose ProVeneer:

- Greater acceptance by patient
- No Cad Cam
- No preformed veneers
- No lab bill
- Fun, stress free, impactful

Why patients choose ProVeneer:

- Non-invasive, no filing down of teeth
- Beautiful smiles created in one visit
- Affordable
- Wear and stain resistant
- Looks natural

Accelerate your revenue with minimum chair time.

The only system with a two minute smile preview veneer.

To learn more visit: WWW.PRO-VENEER.COM



Each ProVeneer Kit makes at least 10 veneers

Available in shades:

A1, A2, A3, B1, BW (Bleach White), Assorted (3x A1, 2x A2, 2x B1, 3x BW)

Includes: 10x Single Use Packs, 1x ProVeneer Bonding Agent, 1x ProFil Flow, 1x ProEtch, Accessories



Single Shades:

18PVA1	ProVeneer System KIT- (A1*10)
18PVA2	ProVeneer System KIT- (A2*10)
18PVA3	ProVeneer System KIT- (A3*10)
18PVB1	ProVeneer System KIT- (B1*10)
18PVBW	ProVeneer System KIT- (BW*10)

Refill Box:

18PVA1-50	ProVeneer Blister refill bag 50*A1
18PVA2-50	ProVeneer Blister refill bag 50*A2
18PVA3-50	ProVeneer Blister refill bag 50*A3
18PVB1-50	ProVeneer Blister refill bag 50*B1
18PVBW-50	ProVeneer Blister refill bag 50*BW

Assorted Shades:

18PVA1	ProVeneer System KIT- (A1*10)
18PVA2	ProVeneer System KIT- (A2*10)
18PVA3	ProVeneer System KIT- (A3*10)
18PVB1	ProVeneer System KIT- (B1*10)
18PVBW	ProVeneer System KIT- (BW*10)

ProVeneer System Kit contents:

10 x ProVeneer Single use blister pack, ProVeneer Bonding Agent, ProFil Flow, ProEtch & Accessories

ProVeneer Refill Box contents:

10 x blister packs



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