

Instructions*

- Clean preparation, rinse, and dry. (We recommend Consepsis™ Scrub and STARbrush™ to clean, disinfect, and remove residual cement.) Verify prosthetic fit.
- Etch clean bonding surface of the veneer with Ultradent™ Porcelain Etch for 90 seconds, rinse, and dry. Apply phosphoric acid (Ultra-Etch™ etchant) for five seconds to remove porcelain salts and debris formed by hydrofluoric acid etching. Rinse and air dry.
- Apply a puddle coat of Ultradent™ Silane to inside surface of prosthesis for one minute, dry, and set prosthesis aside. Do not rinse.
- Apply Ultra-Etch etchant to enamel and/or dentin for 15 seconds. Rinse thoroughly for five seconds and leave damp.
- Apply a puddle coat of Peak™ Universal Bond with the Inspiral™ Brush tip. Gently agitate and coat surface for 10 seconds. Thin/dry for 10 seconds using full air pressure. Preparation should appear shiny.
- Light cure with VALO™ curing light for 10 seconds.
- Express a thin layer of PermaShade LC resin onto the inside bonding surface of the veneer. Carefully position and seat the veneer using gentle pressure. Tack cure for two seconds to avoid shifting.
- Clean the excess cement from margins and light cure with VALO curing light for 10 seconds.

* See product instructions for detailed directions for use



3517 - PermaShade LC Veneer Cement Kit

- 4 - 0.95 g Translucent syringes
- 3 - 0.95 g A2 syringes
- 3 - 0.95 g B1 syringes
- 3 - 0.95 g Opaque White syringes
- 1 - 1.2 ml Ultra-Etch syringe
- 2 - 1.2 ml Peak Universal Bond syringes
- 1 - 1.2 ml Porcelain Etch syringe
- 1 - 1.2 ml Silane syringe
- 20 - Blue Micro tips
- 20 - Black Mini Brush tips
- 60 - Inspiral Brush tips



PermaShade LC Veneer Cement Re fill

- 5227 - Translucent
- 5228 - Opaque White
- 5229 - A2
- 5230 - B1
- 4 - 0.95 g syringes

A veneer cement that sets the stage for the
perfect smile

PermaShade™ LC light-cured luting resin

is used exclusively for cementing veneers. Its ergonomic contra-angle syringe makes luting delicate veneers more convenient than other delivery methods. With easy handling, low shrinkage, and enduring color stability, PermaShade LC is ideal for creating a long-lasting, esthetic smile.





PermaShade™ LC luting resin

- Can be used for porcelain, zirconia, composite, and other indirect veneers
- Available in four VITA™ shade options: Translucent, Opaque White, A2, and B1
- Ergonomic contra-angle delivery aids in precise placement to small, delicate veneers
- Medium viscosity keeps veneer from drifting once seated
- Upon curing, low shrinkage stress prevents strain on the veneer
- No detectable ΔE shade shift after accelerated aging process (color difference < 3)



Clinical Case—
Patient with four existing anterior composites and large diastema. Received six anterior A1 porcelain veneers (#6–#11) cemented with PermaShade LC resin Translucent shade.

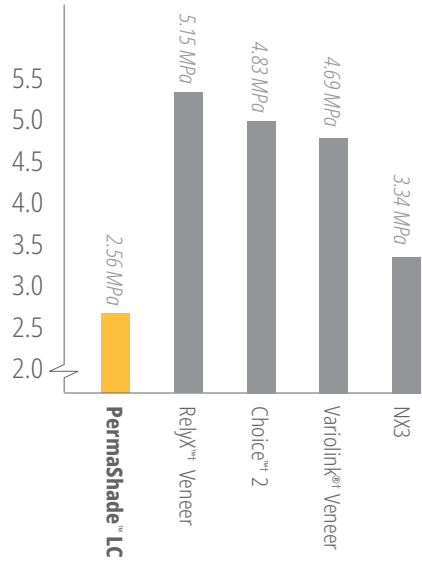


Unique and ergonomic contra-angle syringe allows for precise, controlled delivery. For optimal handling, bring PermaShade LC resin to room temperature before use.



Technical Data¹

Shear bond strength to enamel*	45.78 MPa
Shear bond strength to dentin*	51.04 MPa
Compressive strength and modulus	368.74 MPa / 4.15 GPa
Flexural strength and modulus	92.98 MPa / 8.23 GPa
Shrinkage	3.74%
Film thickness	48 µm
Hardness	37.3 HK
Radiopacity	2.00 mm Al
Depth of cure (20 sec)	6.00 mm
ΔE shade shift** (3 or higher is visible to the human eye)	ΔE <3



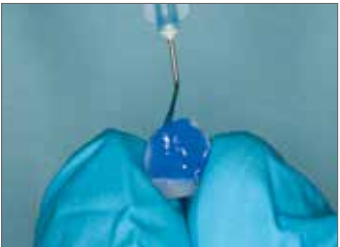
^{*}With Peak™ Universal Bond
¹. Data on file. [†]Registered trademark of a company other than Ultradent.

SHRINKAGE STRESS | Low shrinkage stress reduces strain on the veneer, minimizing the risk of post-cure breakage.

Independent Study

Independent university tests confirm PermaShade LC resin showed no perceptible shade shift after accelerated aging process.** Light-cured resins tend to be more color stable due to the addition of nonaromatic aliphatic amines, which are resistant to oxidation.

**Barghi N, Gureckis KM, McAlister T. Color stability of two luting resins. *J Dent Res* 90(Spec Iss A): 1685, 2011 (www.dentalresearch.org).



Clinical Tip #1—One in 10 veneers debond due to contamination, buildup of porcelain salts, and a poor-quality bond. Cleaning the veneer surface is the most important step to prevent debonding. Remove salts and debris formed by hydrofluoric acid etching by applying phosphoric acid (Ultra-Etch™ etchant) to the surface for five seconds. Rinse and air dry before applying a puddle coat of silane.



Clinical Tip #2—Use Teflon®† tape to isolate teeth before bonding. This prevents excess PermaShade LC resin from curing onto the surrounding teeth, reducing the need for additional cleanup.



Clinical Tip #3—Do not pull back on syringe stem after expressing product; doing so produces an air bubble within the syringe, which can cause leakage and deterioration of the product.



PermaShade LC resin gives patients a smile that will last for years to come. Here, four anterior veneers (#7–#10) were cemented with PermaShade LC A2 shade.