

## Instructions for Use



A Pac-Dent Brand

Discover the Ultimate Veneer Solution

**EnVision**<sup>™</sup>  
VENEER SYSTEM

## VENEER CEMENT Instructions for Use



### Overview

The Rodin EnVision Veneer Cement System features a light cure permanent resin cement with innovative chemistry, providing exceptional esthetics and superior bonding strength specifically designed for 3D-printed Envision resin veneers. The system includes Rodin EtchPro etching gel for total-etch techniques and Rodin Bond adhesive. The system comes with single-barrel syringes containing multi-shaded UV light-cure cements, ideal for cases requiring flexible work time. This product is suitable for all indirect veneering applications. The amine-free initiator system ensures excellent color stability for long-term esthetics. The system also offers a multi-color selection of Rodin Try-In gels that directly match the Rodin Envision light-cured shaded cements. Additionally, nano fillers enhance dispensing, handling, cleanup, and polishing properties.

### Indications for Use

- Cementation of veneers

*Note: A total-etch technique in combination with use of Rodin Bond adhesive is required with the Rodin EnVision Light Cure Cement to achieve optimal bond strength.*

### I. Restoration Fit Evaluation, Try-in, and Surface Preparation

1. **Remove temporary restoration** and thoroughly clean the tooth (teeth) with fluoride-free prophylactic paste. Rinse thoroughly with water and lightly dry with air.
2. **Evaluate fit.** Make any necessary adjustments to ensure complete seating of restoration.
3. **Shade evaluation:** Apply a thin layer of the selected water-soluble try-in paste to the restoration. The try-in paste matches both the single-syringe UV light-cure cement.
4. **Seat the restoration** using light pressure and remove any excess try-in paste. Evaluate shade.
5. **Clean the restoration:** Remove the restoration, wash out the try-in paste with a strong water spray, and clean any organic debris with alcohol, followed by ultrasonic cleaning in water. Optionally, clean ceramic or porcelain surfaces with phosphoric acid etchant, rinse thoroughly, and dry.
6. **No prep of intaglio surface:** Sandblasting is not recommended due to preserving the oxygen inhibition layer and 3D printed layer lines which provides an ideal surface for both mechanical and chemical bonding.

### II. Tooth Preparation and Cementation

Rodin EtchPro (total-etch) and Rodin Bond adhesive are to be used with Rodin EnVision Light Cure Cement System.

#### Total-Etch Technique (Rodin EtchPro)

1. Clean preparations with pumice and a prophylactic cup. Wash thoroughly with water spray and air dry.
  2. Apply Rodin EtchPro to enamel/dentin surfaces with an applicator tip for 15 seconds using a light brushing motion. Rinse thoroughly and air dry (do not desiccate).
- #### Bonding Technique (Rodin Bond Adhesive)
1. Apply Rodin Bond adhesive to target preparation area using a micro applicator tip, brushing the area lightly for 15 seconds.
  2. Dry the adhesive with gentle air flow for 3-5 seconds to produce a thin, uniform coat.
  3. UV light cure for 30 seconds.

#### Seating of Restoration

1. Dispense cement directly onto the internal surface of the veneer.
2. Place the veneer on the tooth, allowing the cement to flow from all margins.
3. Spot cure the veneer on the facial surface for 10 seconds.
4. Remove excess cement and light cure all surfaces for a minimum of 30 seconds per surface. See recommended cure times for different curing units.

### III. Finishing and Polishing

1. Remove polymerized excess cement with a finishing diamond bur.
2. Use finishing strips for proximal areas
3. Polish margins with appropriate polishing tools.
4. Check occlusion and make necessary adjustments.

### Recommended Cure Times

- Demi: 5 seconds
- L.E. Demetron II: 10 seconds
- L.E. Demetron I: 20 seconds

### Recommended Cure Times (Continued)

- Optilux 501: 30 seconds
- Refer to manufacturer's recommendations for other lights.

### Caution

1. Avoid contact with skin, eyes, and soft tissue when using phosphoric acid gel etchant and adhesive. Flush thoroughly with water in case of contact and seek medical attention for eyes.
2. Uncured methacrylate resin may cause contact dermatitis and damage the pulp. Avoid contact and wash thoroughly with water after exposure.

### Storage and Shelf Life

Store the Rodin EnVision Light Cure Cement System at ambient temperature. Do not use beyond the expiration date on the packaging.

### Limited Warranty and Liability

Pac-Dent provides technical advice to assist dentists in using their product. The dentist assumes all risk and liability for damages from improper use. Pac-Dent's liability is limited to replacement or reimbursement of defective products. In no event shall Pac-Dent be liable for indirect, incidental, or consequential damages. There are no warranties other than those expressly stated.



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