



## PRO SEAL® and LED PRO SEAL®

### CONTAINS FLUORIDE LIGHT CURE FILLED SEALANT

REF# PRO (for Original PRO SEAL®) and REF# LEDPRO (for LED PRO SEAL®)

**INDICATIONS FOR USE:** PRO SEAL® and LED PRO SEAL® are intended for use as an enamel surface sealant around orthodontic brackets.

#### **PRODUCT FEATURES:**

**100% POLYMERIZATION:** PRO SEAL® and LED PRO SEAL® are the first sealants, chemical or light cure, that will completely set without an oxygen inhibited layer. This creates a smooth, hard surface that prevents leakage, protects the enamel and makes paste cleanup easier.

**HIGHLY FILLED:** Resists toothbrush abrasion.

**FLUORESCING:** PRO SEAL® and LED PRO SEAL® contain a fluorescing agent for easy monitoring of sealant coverage. PRO SEAL® and LED PRO SEAL® can be illuminated or “revealed” on the tooth surface to check application using a Reliance Black Light or a simple portable (UV) light.

**LIGHT CURE SEALANT:** No mixing.

**UNIVERSAL APPLICATION:** PRO SEAL® and LED PRO SEAL® can be used under any light cure, chemical cure or dual cure paste system. PRO SEAL® and LED PRO SEAL® (6mL) will cover approximately 2,000 teeth.

#### **INSTRUCTIONS FOR USE:**

PRO SEAL® and LED PRO SEAL® should be shaken at the start of each day to ensure uniformity and consistency of the liquid.

**PROPHYLAXIS:** Using a rotary instrument with a rubber cup or brush, prophylax the enamel surfaces to be bonded with 1st & Final® or plain pumice. Do not use prophylax paste that contains oil, as it can leave a film that will inhibit the etch. Special attention should be given to posterior teeth and lingual surfaces where patient hygiene may be poor and tartar and calculus may be in excess. Rinse thoroughly and dry teeth with oil and moisture-free compressed air.

**ETCH:** Dispense etching agent onto mixing pad. Etchant may be liquid or gel. Isolate the teeth for etching. With a cotton pledget or brush, dab the etching agent onto the entire area to be bonded. Do not rub the etching agent on the enamel. Allow 30 seconds for etching (60 for deciduous teeth). Avoid placing etching agent on soft tissue. **NOTE:** A self etching primer may also be used in place of phosphoric acid etchant. If using a self etching primer in place of phosphoric acid etch, dry the tooth surface thoroughly before proceeding with the application of paste and bracket.

**RINSE & DRY:** Rinse thoroughly with water and spray combination to properly cleanse the enamel surface. Rinse each tooth with copious amounts of water for 10 seconds (20 seconds with gel etch) to stop the etching process and remove demineralized particles. A thorough rinsing on each tooth is critical. At this point, do not allow patient to rinse or contaminate the enamel surface. Reisolate and dry teeth thoroughly. The etched area should appear frosty white. If not, re-etch for an additional 20 seconds.

**NOTE:** In order for PRO SEAL® to remain on a normal tooth surface, it must be applied to properly etched and dried enamel. Atypical enamel should be first etched, conditioned with one coat of Assure® or Assure® Plus then lightly dried before the PRO SEAL® is applied.

**APPLICATION OF SEALANT RESIN:** Dispense one or two drops of PRO SEAL® or LED PRO SEAL® onto a mixing pad. With a bristle brush (do not use a Microbrush), apply a thin, uniform layer on the etched enamel. Stroke over with the same brush to ensure a thin layer and proper coverage.

**IMPORTANT:** LED PRO SEAL® must be applied in a thin layer or the material may appear yellow.


Cure each tooth for 20 seconds with a halogen, plasma or cordless LED curing light.

**IMPORTANT:** Original PRO SEAL® must be cured with a halogen or high intensity curing light in the 390-440 nM wavelength range. LED PRO SEAL® can be cured with any light that has high intensity in the 440-480 nM wavelength range.

**NOTE:** The intensity of curing lights may vary. Some higher intensity lights will require a shorter activation of the sealant.


If the ProSeal has been cured and the operator suspects there is saliva contamination on top of the ProSeal, it is recommended to dab a small amount of Assure® or Assure® Plus on the cured ProSeal, dry, then place the bracket with adhesive.

**REMOVAL OF SEALANT RESIN:** After the adhesive paste has been removed with a Renew System™ Bur (#118S, #118L or #218), removal of PRO SEAL® and LED PRO SEAL® is easy. Use the #383 Renew System™ Point on your choice of handpiece. Lightly polish the entire tooth surface with the #383 rubber point where PRO SEAL® and LED PRO SEAL® has been applied.

 **CAUTION:** Unpolymerized resins may cause skin sensation in susceptible persons. In case of contact with the skin, wash thoroughly with soap and water.

Use of UV, halogen and LED curing lights can be associated with eye damage. The patient, doctor and the assistant should wear properly designed protective eyewear when using these light curing devices.

 Corrosive

 Dispose of properly. Harmful to aquatic life.

15°C — 30°C

**TEMPERATURE LIMITATION:** Store at room temperature (15-30 Degrees Celcius)

**WARRANTY:** Reliance Orthodontic Products, Inc. recognizes its responsibility to replace products if proven to be defective. Reliance Orthodontic Products, Inc. does not accept liability for any damages or loss, direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connections therewith.

**Rx Only:** U.S. Federal law restricts this device to sale by or on the order of a dental professional.



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