

**LIGHT CURE SEALANT AND BRACKET BONDING SYSTEM
WITH OR WITHOUT FLUORIDE**

BONDING A PLASTIC BRACKET:

With a brush, paint a thin coat of *Reliance Plastic Conditioner* on the bracket base and allow to dry. Apply *Light Bond™* Paste to the bracket base, place on etched, sealed tooth and light cure from the labial for 20 seconds per bracket.

BRACKET REMOVAL:

To remove *Light Bond™*, use a ligature cutter to grab the adhesive at the bracket interface and peel the bracket from the tooth. The majority of the paste will be removed within the bracket base. Remaining material can be removed with the *Renew™ Finishing System Bur* and *Renew™ Finishing System #383 Point*.

IMPORTANT! Dispensed sealant and paste should not be exposed to direct light for any extended period of time as a partial activation may occur. Paste can be applied to brackets in advance but must be shielded from any ambient light (i.e., cover with a box top).

CAUTION: 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.

PRECAUTIONS: Unpolymerized resins may cause skin sensation in susceptible persons. In case of contact with the skin, wash thoroughly with soap and water. If accidentally instilled into eye, flush with copious amounts of water and seek medical attention immediately. Contact with other tissues: rinse spill area immediately with copious amounts of water for several minutes.

TEMPERATURE LIMITATION: Store at room temperature (not to exceed 86 degrees F.) or can be refrigerated (36-46 degrees F.) Refrigeration will prolong the shelf life of *Light Bond™*.

CONTENTS OF KIT: Economy Kit: (4) 5g Paste in push syringes or syringe tips, (2) 3cc *Light Bond™* sealants, etc (liquid or gel), mixing pad, spatulas and brushes. Sponge Pellets maybe substituted for brushes.

TO REORDER:

Kits: Ref# LBEPF-*Light Bond™* Kit in Push Syringes W/FL, Ref# LBETF-*Light Bond™* Kit in Tips W/FL
Components: Ref# LBPPF-5g *Light Bond™* Push Syringe W/FL, Ref# LBPTF-5g *Light Bond™* Tips W/FL,
Ref# LBS3F-3cc *Light Bond™* Sealant W/FL, Ref# LBS7F-7cc *Light Bond™* Sealant W/FL,
Ref# LBFSF-3cc *Light Bond™* Filled Sealant W/FL, Ref# LBFS7F-7cc *Light Bond™* Filled Sealant W/FL

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, either 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.

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

Other *Reliance* products you may be interested in:

1ST & FINAL®

Pre-Packaged Orthodontic Pumice

ENHANCE™

Adhesion Booster

ASSURE®

Light Cure System for Wet or Dry Environment

ENHANCE™ L.C.

Light Cure Adhesion Booster

PRO SEAL® or L.E.D. PRO SEAL®

Light Cure Fluorescent Filled Sealant

RENEW™ FINISHING SYSTEM

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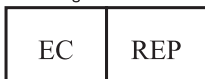
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**LIGHT CURE SEALANT AND BRACKET BONDING SYSTEM
WITH OR WITHOUT FLUORIDE**

INTENDED USE: Light cure bracket adhesive and lingual retainer adhesive.

PRODUCT FEATURES

SMOOTH, TACKY PASTE VISCOSITY: The viscosity of *Light Bond™* Regular Paste is very tacky which helps prevent bracket floatation. If a thinner viscosity is desired for special applications such as 3-3 lingual retainers or palatal expanders, *Light Bond™* Medium and *Light Bond™* Thin Paste are available.

NO MIXING - UNLIMITED WORKING TIME: *Light Bond™* is a photo initiated adhesive that offers the operator unlimited working time to position brackets and clean flash.

BONDS TO METAL, CERAMIC & COMPOSITE SURFACES: *Light Bond™* will bond to any enamel, porcelain, composite or metal surface when properly conditioned.

***ALSO AVAILABLE: PRO SEAL® and L.E.D. PRO SEAL®**, are light cure filled fluoride sealants that totally polymerize without an oxygen inhibited layer. **PRO SEAL®** and **L.E.D. PRO SEAL®** will protect the enamel longer than conventional unfilled sealants.

*Upon request, **PRO SEAL®**, **L.E.D. PRO SEAL®**, or *Assure®* Universal Bonding Resin can be substituted for *Light Bond™* sealants in kit for an additional cost.

INSTRUCTIONS FOR USE:

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 pastes which contain oil, as they can leave a film that will inhibit the etch. Special attention should be given to the lingual surface and posterior teeth 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. A self etching primer may be substituted for conventional phosphoric acid etchant.

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. Reisolate and dry teeth thoroughly. The etched area should appear frosty white. If not, re-etch for an additional 20 seconds. If the enamel appears excessively chalky, fluorosed or has been contaminated with saliva, the enamel should be conditioned with *Enhance™* Adhesion Booster or *Assure®* Universal Bonding Resin.

APPLICATION OF SEALANT:

Dispense a drop or two of sealant resin onto the mixing pad. With a brush, apply a thin uniform layer of sealant to the etched enamel. It is not necessary to cure the sealant at this time. **PRO SEAL®** and **L.E.D. PRO SEAL®** must be cured at this time for 20 seconds. A cured sealant can also prevent bracket floatation. To further enhance bond strength with some fine mesh brackets, a thin coat of sealant can be painted on the metal bracket base and cured for 10 seconds before applying paste.

APPLICATION OF PASTE:

Using the *Light Bond™* syringe tip or a spatula, apply the paste and work it into the bracket base. Place bracket on the tooth and press in the desired position. Caution should be taken not to expel all of the paste from beneath a metal bracket. With a metal bracket, position the curing light to shine from the incisal edge and illuminate for 10 seconds and then 10 additional seconds from the gingival, mesial or distal bracket edge. With a ceramic bracket, cure directly through the bracket from the labial for 20 seconds. The light director must be placed as close to the bracket base as possible during curing. Once the paste has been properly cured, an active arch wire can be placed immediately.

Note: Curing times depend on the intensity of the curing light. The total curing time can range from 6 seconds to 20 seconds. Please refer to the light manufacturer for recommended curing times.