



RELY•A•BOND®
No Mix Bracket Adhesive

PHASE II®
Sealant/Paste System

PHASE II® DUAL CURE
Sealant/Paste Dual Cure System

LIGHT BOND™
Visible Light Cured Bracket Adhesive

PAD LOCK™
Fluorescent Light Cure Bracket Bonding System

QUICK CURE™
Fast Set Light Cure Adhesive

ASSURE®
Light Cure System for Wet or Dry Environment

PRO SEAL®
Light Cure Fluorescing Filled Sealant

L.C.R.™ LIGHT CURE RETAINER
Highly Filled, Single Paste Light Cure Retainer Adhesive

FLOWTAIN™
Light Cured Composite

FLOWTAIN™ L.V.
Light Cured Composite

EXCEL®
Indirect Bonding Adhesive and Sealant System

MAXIMUM CURE®
Chemical Cure Sealant

BAND-LOK®
Two Paste Glass Ionomer Band Cement

ULTRA BAND-LOK®
Single Paste Compomer Band Cement

CROWN LOK™
Luting Cement

PRECEDENT®
Powder/Liquid Glass Ionomer Cement

O.V.S.™
Orthodontic Veneer System

ENHANCE™
Adhesion Booster

ENHANCE™ L.C.
Light Cure Adhesion Booster

THERMA CURE™
Heat Cure Indirect Lab Adhesive

CUSTOM I.Q.™
Fast Setting Indirect Bonding Sealant

1ST & FINAL®
Pre-Packaged Orthodontic Pumice

RENEW™ FINISHING SYSTEM
Adhesive Removal and Finishing System

BOND•A•BRAID™
Lingual Retainer Wire

ORTHO FLEXTECH™
Dental Retention System

CE 0473

QUICK CURE™
LIGHT CURE
BRACKET BONDING SYSTEM
CONTAINS FLUORIDE

01/09

PRODUCT FEATURES

REDUCED CURING TIME: **QUICK CURE™** is a new generation of light cure paste that provides a much broader area of sensitivity to blue light for a faster and more complete cure. It can be polymerized with any visible light source, and can be cured in 6 seconds by using the **Power Slot™** light director which can be fitted to most halogen curing lights.

UNSURPASSED BONDING STRENGTH: A strong chemical bond is formed between the sealant and the paste. The **QUICK CURE™** Paste is a highly filled material that delivers maximum bond strength in all situations with all types of appliances.

CHOICE OF SEALANTS: **QUICK CURE™** can be used with any light cure sealant and is available in kit form with *Assure®* Universal Bonding Resin (hydrophilic), **PRO SEAL®/L.E.D. PRO SEAL®** Sealant, *Light Bond™* Sealant or *Light Bond™* Filled Sealant. **PRO SEAL®/L.E.D. PRO SEAL®** Sealant totally polymerizes when exposed to a visible light source for 10 seconds. As a result, the etched enamel surface is sealed with a clear fluoride enamel protective sealant. Also available is *Light Bond™* Filled Sealant, which contains 40% micro particle size filler making it abrasion resistant and fluoride releasing.

SMOOTH, TACKY PASTE VISCOSITY: The viscosity of **QUICK CURE™** Paste is very tacky which helps prevent bracket flotation, yet flash can be easily cleaned without stringing.

CONTAINS FLUORIDE

BONDS ALL METAL, CERAMIC & PLASTIC BRACKETS: **QUICK CURE™** will bond any type of bracket to any enamel, porcelain, composite or metal surface when properly conditioned.

IMMEDIATE ARCHWIRE PLACEMENT: Once the material has been properly cured, an active archwire can be placed immediately.

GENERAL INFORMATION: **QUICK CURE™** PASTE IS VERY SENSITIVE TO AMBIENT LIGHT. DISPENSED SEALANT AND PASTE SHOULD NOT BE EXPOSED TO DIRECT LIGHT FOR ANY EXTENDED PERIOD OF TIME, AS A PARTIAL ACTIVATION MAY OCCUR.

CONTENTS OF KIT: Economy Kit: 20g of paste in push syringes or syringe tips (additional cost for syringe tips), (2) 3cc *Light Bond™* Sealants (*Assure®* Universal Bonding Resin, **PRO SEAL®/L.E.D. PRO SEAL®** or *Light Bond™* Filled Sealant can be substituted for an additional cost), 23g liquid etch, mixing pad, spatulas and brushes. Sponge pellets may be substituted for brushes.

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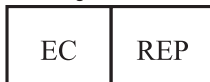
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INSTRUCTIONS FOR **QUICK CURE™** ORTHODONTIC BONDING SYSTEM

BONDING PROCEDURE

PROPHYLAXIS: Using a rotary instrument with a rubber cup or brush, prophylax the enamel surfaces to be bonded with *let's 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. 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. 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 (using *Light Bond*™ Sealant or *Light Bond*™ Filled Sealant): Dispense a drop or two of sealant resin onto the mixing pad. With a brush, apply a thin uniform layer of sealant on the etched enamel. It is not necessary to cure the sealant at this time. However, if the sealant is cured for 10 seconds (20 seconds for *Light Bond*™ Filled Sealant) and saliva contamination does occur, the contaminated tooth can be cleaned by dabbing lightly with *Enhance*™ Adhesion Booster or *Assure*® Universal Bonding Resin, eliminating the need to re-etch. A cured sealant can also prevent bracket flotation. To further enhance bond strength when using 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 SEALANT (using *Assure*® Universal Bonding Resin Hydrophilic Sealant): With a brush or sponge pellet apply a generous coat of *Assure*® Universal Bonding Resin to each prepared tooth. NOTE: In difficult atypical enamel situations, it is recommended to use 4 coats of *Assure*® Universal Bonding Resin and dry after the last coat. The *Assure*® Universal Bonding Resin does not need to be dried or light cured before applying the bracket with paste.

APPLICATION OF SEALANT (using *PRO SEAL*® or *L.E.D. PRO SEAL*® Sealant): With a brush apply a thin uniform layer of *PRO SEAL*®/*L.E.D. PRO SEAL*® Sealant on the etched enamel. Cure the *PRO SEAL*®/*L.E.D. PRO SEAL*® Sealant at close range for 20 seconds per tooth (cure *PRO SEAL*® for 20 seconds with a halogen light with output of less than 600mw² and cure *L.E.D. PRO SEAL*® for 20 seconds with L.E.D. curing light, Turbo Tip or any light with an output of at least 600mw²).

APPLICATION OF PASTE: Using the **QUICK CURE™** syringe tip or a spatula, apply the paste and work it into the bracket base. Clean flash immediately as ambient light can harden paste that has extruded from around the bracket base. With a metal bracket, position the light guide to shine from the incisal bracket base edge and illuminate for 3 seconds and then 3 seconds from the gingival,

mesial OR distal bracket edge. If a conventional light is used, cure for 5 seconds from the incisal and 5 seconds from the gingival, mesial OR distal bracket base edge. With a laser, plasma arc OR turbo tip light source, cure as per manufacture's instructions. With a ceramic bracket, cure directly through the bracket from the labial for 6 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 archwire can be placed immediately. Note: Curing times depend on the intensity of the curing light. The total curing time can range from 10 seconds to 30 seconds. Please refer to the light manufacture for recommended curing times.


BONDING A PLASTIC BRACKET: With a brush, paint a thin coat of *Reliance* Plastic Conditioner on the bracket base and allow to dry. Apply a thin coat of *Light Bond*™ or *Assure*® Universal Bonding Resin to the primed bracket base and light cure for 10 seconds. Apply **QUICK CURE™** Paste to the bracket base, place on etched, sealed tooth and light cure from the labial for 10 seconds per bracket (6 seconds with the **Power Slot™** Light Director).

BRACKET REMOVAL: To remove **QUICK CURE™**, 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 sealant can be removed with the **Renew™ Finishing System** Bur and **Renew™ Finishing System #383 Point**.

GENERAL INFORMATION: The intensity of curing lights may vary. Some higher intensity lights will require a shorter activation of the paste. Loss of intensity cannot be detected by the naked eye. In special cases where a thinner viscosity is required, add a small amount of *Light Bond*™ Sealant to the dispensed paste and mix thoroughly. 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: U.S. Federal law restricts this device to sale by or on the order of a dental professional.

NOTE: Use of UV, halogen and L.E.D. 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.

 **TEMPERATURE LIMITATION:** Store at room temperature (68-77 degrees F.) or can be refrigerated (36-46 degrees F.) Refrigeration will prolong the shelf life of the **QUICK CURE™**.

PRECAUTIONS: Unpolymerized resins may cause skin sensation in susceptible persons. In case of contact with the skin, wash thoroughly with soap and water. Etching liquids or gels (phosphoric acid) are severe eye and tissue irritants. 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. Injury may result if etchant is allowed to remain on the skin or mucosa for extended periods of time.

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.