

**NO MIX ORTHODONTIC BONDING SYSTEM  
WITH OR WITHOUT FLUORIDE**

**BONDING TO A PORCELAIN CROWN OR VENEER:** Condition the porcelain with *Reliance Pose-Etch™* and **Porcelain Conditioner** as per instructions. Continue with bonding procedure.

**BONDING TO AN AMALGAM RESTORATION OR METAL CROWN:** Microetch or roughen the metal surface with a coarse grit bur. Condition the metal surface with *Reliance Metal Primer*, *Enhance™* Adhesion Booster or *Assure®* Universal Bonding Resin on the metal surface. Continue with bonding procedure.

**NOTE:** A No Mix System is not recommended for bonding lingual retainers without bonding pads.

**PRECAUTIONS:** Unpolymerized resins may cause skin sensation in susceptible persons. In case of contact with 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 the *Rely-a-Bond®*.

**CONTENTS OF KIT:** 14g Adhesive Paste (jar, syringe tips or push syringes), 16g Primer, etchant (liquid or gel), mixing pad, spatulas and brushes. Sponge Pellets maybe substituted for brushes.

**TO REORDER:**

Kits: Ref# RPF- *Rely-a-Bond®* Kit in Push Syringes W/FL, Ref# RTF- *Rely-a-Bond®* Kit in Tips W/FL,  
Ref# RJF- *Rely-a-Bond®* Kit in Jar W/FL  
Components: Ref# (4) 3.5g *Rely-a-Bond®* Paste in Push Syringes, Ref# RPT-14g *Rely-a-Bond®* Paste in Tips,  
Ref# RPJ-14g *Rely-a-Bond®* Paste in Tips, Ref# RPRF-*Rely-a-Bond®* Primer 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

**ASSURE®**

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**ENHANCE™**

Adhesion Booster

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**RENEW™ FINISHING SYSTEM**

Adhesive Removal and Finishing System

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**NO MIX ORTHODONTIC BONDING SYSTEM  
WITH OR WITHOUT FLUORIDE**

**INTENDED USE:** For bonding metal, composite and ceramic orthodontic brackets.

**PRODUCT FEATURES**

**TACKY VISCOSITY:** Due to the tacky viscosity of the paste, bracket flotation is totally eliminated with *Rely-a-Bond®*. The paste flows easily onto the bracket pad and spreads evenly under the pad upon placement.

**VARIETY OF PASTE PACKAGING:** *Rely-a-Bond®* Paste is available packaged in a jar, syringe tips or 3.5gm. push syringes.

**NO WASTEFUL MIXING:** *Rely-a-Bond®* is a No Mix Bonding System that sets on contact. Unlike powder/liquid and paste/paste systems, no mixing is required. Therefore, the operator controls the set time and reduces product waste.

**EASY CLEANUP OF FLASH AROUND BASE:** Since excess adhesive does not harden immediately, cleanup of flash around the periphery of the bracket base can be done after the last bracket is in place.

**DIRECT OR INDIRECT BONDING:** *Rely-a-Bond®* Thin Paste is available for indirect bonding. Since there is no mixing, the operator controls the working time.

**INSTRUCTIONS FOR *Rely-a-Bond®*  
NO MIX ORTHODONTIC BONDING SYSTEM**

**MINIMUM + MINIMUM = MAXIMUM  
PRIMER \ PASTE \ BOND STRENGTH**

**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 paste that contains oil, because they can leave a film that will inhibit the etch. Special attention should be given to posterior teeth and lingual surfaces, because 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.

**RINSE & DRY:** Rinse each tooth thoroughly 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 or fluorosed or has been contaminated with saliva, the enamel should be conditioned with *Enhance™* Adhesion Booster or *Assure®* Universal Bonding Resin.

**BRACKET ADAPTION:** The bracket to be bonded with *Rely-a-Bond®* should have a base that fits flush to the tooth surface. Using a plier, adapt any bases that do not conform.

**BONDING PROCEDURE:** Apply a thin coat of primer to each etched dry tooth in the area which the bracket is to be bonded, and the underside of each bracket base. With a toothpick or syringe, apply a small quantity of adhesive paste to the underside of the bracket base and place on tooth. WITHIN 25 seconds, position the bracket to desired angulation and press firmly. By pressing on the bracket, the primer is forced into the paste, increasing bond strength and insuring the paste is in a thin uniform layer. Excess adhesive can be easily removed from the periphery of the bracket base after all of the brackets are in place. An active archwire can be inserted 5 minutes after bracket placement.

**PLASTIC BRACKET BONDING:** *Rely-a-Bond®* will bond chemically to any composite or fiber filled plastic bracket. To insure a chemical bond, the bracket base must first be conditioned with *Reliance Plastic Conditioner* and allowed to dry.

**BRACKET REMOVAL:** Using a bracket removal plier or pin and ligature cutter, engage the bracket at the enamel/adhesive interface shearing the bracket and adhesive pad from the tooth. Remaining adhesive can be removed with a scaler or a *Reliance Renew™ Finishing System Bur*. Final polishing can be performed with a *Renew™ Finishing System #383 Point*.

**INDIRECT BONDING PROCEDURE:** Apply a thin coat of primer to the etched enamel or conditioned porcelain surfaces of the teeth to be bonded, and all the bracket bases in the indirect tray. Syringe a bead of *Rely-a-Bond®* Thin Paste (enough to cover the whole bracket) horizontally across the gingival half of the bracket base. Slide tray into mouth and hold firmly. Release pressure after 60 seconds. Wait 4 minutes and peel tray material away from tooth surface.

**BONDING TO A TOOTH THAT HAS A COMPOSITE RESORATION:** Condition any exposed enamel as previously prescribed. Roughen the composite surface with a fine diamond. Paint a thin coat of *Reliance Plastic Conditioner*, *Enhance™* Adhesion Booster or *Assure®* Universal Bonding Resin on the composite surface and lightly dry. Continue with bonding procedure.