

**Phase II®****WITH OR WITHOUT FLUORIDE  
BONDING SYSTEM FOR DIRECT AND INDIRECT BONDING**

**INDICATIONS FOR USE:** Phase II is intended for use in direct and indirect bonding of orthodontic brackets and appliances.

**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. Rinse thoroughly and dry teeth with oil and moisture-free compressed air.

**ETCH:** 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 with copious amounts of water for 10 seconds (20 seconds with gel etch) to stop the etching process and remove demineralized particles.

**MIXING & APPLICATION OF BONDING RESIN:**

1. Mixing: Dispense equal amounts of Bonding Resin Part A&B onto a mixing pad. Using a brush or sponge pellet, mix the two resins thoroughly (5-10 seconds).
2. Application: Apply a thin coat of mixture onto the etched surface. The working time of the Bonding Resin is 70 seconds when measured from the start of mixing. It is not necessary to wait for the bonding resin to set before proceeding to the next step.

**MIXING OF ADHESIVE PASTE:** Immediately prepare the bonding paste by placing equal portions of Paste A&B onto the mixing pad, using opposite ends of the spatula to avoid cross contamination if your paste is in jars. Spatulate the two pastes for 10 seconds. A 1 to 1 mix ratio of Catalyst to Base produces a 2 minute working time from the start of mix. To extend the set time to 4 minutes, place the pastes on a paper-covered frozen glass slab for 2 minutes. The working time is now extended to 4 minutes.

**VARIABLE WORKING TIME:** A normal 1 to 1 mixture of Paste A&B provides a 2 minute working time from start of mix. By varying the ratio of Parts A&B, a 1½ or 3 minute working time is possible.

**APPLICATION TO BRACKET PAD:**

Apply mixed paste to pad with wooden applicator in sufficient volume so that the pad will be fully covered when placed on the tooth. Excess material should be wiped from the placement instrument before it polymerizes.

**BRACKET PLACEMENT:**

Place the bracket firmly on the tooth and position to desired angulation. Excess flash should be removed from the periphery of the bracket base. Active archwires may be inserted 5 minutes after material has set on the mixing pad.

**BRACKET REMOVAL:** To remove Phase II®, use a ligature cutter to grab the adhesive at the enamel adhesive interface and pop the bracket from the tooth.

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Residual adhesive can be removed with a **Renew® Finishing System** Bur. The enamel can be polished with a **Renew® Finishing System** Point.

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

 Etchants (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.

**Special Safety Note:** Brush applicators and mixing pads are single use devices. It is required that a new brush applicator and mixing pad sheet are used for each patient. Spatulas and mixing wells can be autoclaved.

 **TEMPERATURE LIMITATION:** Store at room temperature 15-30°C.

 Protect Reliance Bonding Resins from heat.

**CONTENT OF KIT:** 18g Catalyst Paste A, 18g Base Paste B, 7g Bonding Resin A&B, 9g Liquid Etchant, mixing pad, spatulas, disposable brushes and wooden applicators. Phase II® is available with the paste prepackaged in jars or screw-type syringes.

**TO REORDER:** Kit: Ref# PSF: Phase II Kit in Screw Syringes w/Fluoride, Ref# PJF: Phase II Kit in Jars with Fluoride, Ref# S7B, Bonding Resin B, 7gm  
Components: Ref# PJAF: Phase II Part A w/Fluoride in Jar, Ref# PJB: Phase II Part B in Jar, Ref# S7AF, Bonding Resin A w/ Fluoride 7gm  
Ref# 1PSAF: Phase II Part A w/Fluoride in Screw Syringe, Ref# 1PSB Phase II Part B in Screw Syringe, Ref# S20AF – 20gm Bonding Resin A w/F, Ref# S20B – 20 gm Bonding Resin B

**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 connection therewith.

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



1540 West Thorndale Ave., Itasca, IL 60143 U.S.A.  
1-800-323-4348 · [www.RelianceOrthodontics.com](http://www.RelianceOrthodontics.com)





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Ref# 1PSAF: Phase II Part A w/Fluoride in Screw Syringe, Ref# 1PSB Phase II Part B in Screw Syringe, Ref# S20AF – 20gm Bonding Resin A w/F, Ref# S20B – 20 gm Bonding Resin B

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