

INDICATIONS FOR USE: The ASK® All Surface Kit is intended for use to increase adhesion to normal, atypical (wet or dry) enamel surfaces (hypocalcified, fluorosed, deciduous enamel, dentin), sandblasted metal (amalgam, gold or stainless steel), porcelain, zirconia, composite restorations and acrylic temporary/pontic teeth.

DIRECTIONS 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, 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 (Enamel): 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 soft etching primer, proceed to APPLICATION OF BONDING RESIN.

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. Re-isolate and dry teeth thoroughly. The etched area should appear frosty white. If not, re-etch for an additional 20 seconds.

APPLICATION OF BONDING RESIN: With a brush or sponge pellet, apply one coat of Assure® Plus All Surface Bonding Resin to each prepared tooth and stroke over to ensure penetration into the enamel and evaporation of the solvent. If after drying, the enamel does not appear shiny, apply an additional coat of Assure® Plus and dry. If only one or two teeth are being bonded and the sealant appears wet, lightly dry with air to evaporate the solvent. Using light cure paste, apply bracket and light cure. If a chemical cure paste is utilized, the Assure® Plus resin must be light cured for 10 seconds before the appliance is placed.

BONDING TO DENTIN: Prophylax, rinse and dry the surface to be bonded. Acid etch for 30 seconds then rinse and dry, but **DO NOT DESICCATE – LEAVE MOIST.** Apply 2 coats of the Assure® Plus All Surface Bonding Resin and lightly dry after the last coat. Light cure the Assure® Plus for 10 seconds. Proceed with application of paste and bracket.

BONDING TO A TOOTH WITH A COMPOSITE RESTORATION: Condition any exposed enamel, as previously described, and roughen the composite surface with a fine diamond. Rinse and dry the area. Apply one coat of Assure® Plus All Surface Bonding Resin and lightly dry. Using light cure paste, apply bracket. If using chemical cure adhesive, light cure the Assure Plus first for 10 seconds each tooth. Then proceed with placement of bracket and adhesive.

BONDING TO AN AMALGAM RESTORATION OR METAL SURFACE: Condition any exposed enamel, as previously described. Microetch the metal surface with Etchmaster 4 hole handpiece and apply one coat of Assure® Plus All Surface Bonding Resin and lightly dry. Proceed with application of paste and bracket. If using chemical cure adhesive, light cure the Assure® Plus first for 10 seconds each tooth. Then proceed with placement of bracket and adhesive.

BONDING TO PORCELAIN AND ZIRCONIA: Prophylax the surface, rinse and dry. Apply one coat of Reliance Porcelain Conditioner, allowing porcelain conditioner to remain on surface for 4 minutes, then dry continuously for 30 seconds. Apply one coat of Assure® Plus All Surface Bonding Resin and lightly dry with air. Light cure the Assure® Plus for 10 seconds. Then proceed with placement of bracket and adhesive.

Special Safety Note: Brush applicators are single use devices. It is required that a new brush applicator is used for each application.

ENAMEL



PORCELAIN/ZIRCONIA



EVERYTHING ELSE



SAFETY GUIDELINES FOR THE ETCHMASTER - Read the instructions and SDS carefully before using this device. The manufacturer, distributor, or retailer of this product can exercise no control over the use of the EtchMaster®. **DO NOT EXCEED 45 PSI**

This is a disposable device. Dispose after single patient use regardless of the remaining quantity of powder in tip.

DO NOT attempt to sterilize, refill or reuse the tips.

Mounting and pressurizing the device more than once will degrade device operation.

Rubber dam must be used to protect adjacent teeth and soft tissue. Matrix band should be used to protect adjacent teeth during interproximal preparation.

Due to the alumina powder, it is necessary to protect eyes of anyone present in the treatment room during the procedure, namely the patient, assistant and dentist. For patient protection goggles and/or face (eyes and nose) covering with powder resistant material is recommended. All treatment room personnel should already be wearing eye protection. We recommend dental personnel wear face shields over safety glasses and masks for extra protection.

Do not use oxygen or other flammable or toxic gases as propellant.

Excessive air abrading will erode most surfaces. Practice and experiment on typodonts, pennies, stainless steel, extracted teeth, or glass slides before actual use. These surfaces will simulate both precious and non-precious alloys and porcelain.

CAUTION: Do not point the EtchMaster® nozzle towards your face or eyes. Always wear protective safety glasses when using this device. NEVER refill and/or reuse the device once it has run out of material. Safely dispose after use.

Reorder Information: Etchmaster 4 hole hand piece adapter (CAT# EMHAR), Assure Plus (CAT# PLUS), Porcelain Conditioner (CAT# PO), Etchmaster Lingual tips (CAT#EMTLS) and Etchmaster Regular Tips (CAT# EMTRS).



Flammable



PRECAUTIONS: Unpolymerized resins may cause skin sensation in susceptible persons.

In case of contact with the skin, wash thoroughly with soap and water. Contact with other tissues: rinse spill area immediately with copious amounts of water for several minutes.



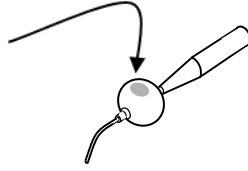
15°C - 30°C

TEMPERATURE LIMITATION: Store at room temperature (15-30 °C). Protect from heat and light. Avoid evaporation.

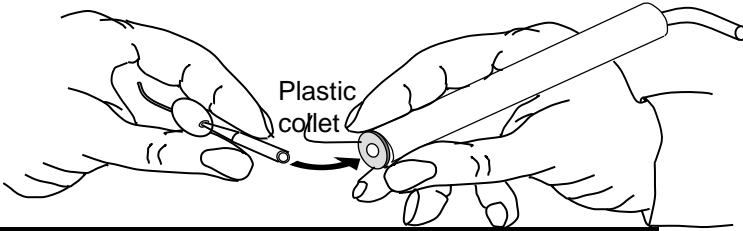
IMPORTANT - REVIEW SAFETY PRECAUTIONS PRIOR TO USE. Manufacturer is not responsible for damages due to misuse of the product.

STEP 1 - Check tip color code mark to identify abrasive grade

Black- Hard Abrasive

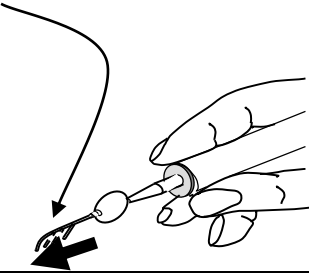


STEP 2 - Hold tube end of the EtchMaster® tip with one hand and the handheld connector with the other and firmly insert tube end into the connector plastic collet.



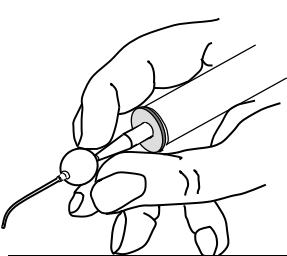
STEP 3 - Pull needle forward until stop to unseal abrasive material.

Note - Turning nozzle prior to pulling reduces required pulling strength.

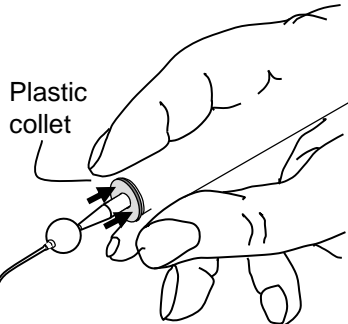


EtchMaster® tip is now operational

STEP 4 - Direct nozzle at target surface and apply air flow.



Discard EtchMaster® Post-Op or once powder is depleted.



STEP 5 - Remove air abrasion tip from connector by pulling back on plastic collet and then pulling device away from the connector.

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Reliance Orthodontic Products, Inc.
1540 West Thorndale Ave
Itasca, IL 60143 USA



EMERGO EUROPE
Prinsessegracht 20
2514 AP The Hague
The Netherlands

Australian Sponsor:
Emergo Australia
201 Sussex St. Darling Park
Tower II, Level 20,
Sydney, NSW 2000 Australia



Reliance Orthodontic Products, Inc.

1540 West Thorndale Ave., Itasca, IL 60143 U.S.A.
1-800-323-4348 www.Relianceorthodontics.com

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