

SELF CURE ORTHODONTIC ADHESIVE SYSTEM

TOOTH PREPARATION.

1. PROPHY the enamel surfaces to be bonded with a plain pumice. Do not use prophy pastes which contain oil or fluoride. Rinse thoroughly and dry teeth with oil and moisture-free compressed air. Do not Allow patient to rinse.
2. ISOLATE the cleaned teeth. A clean, dry surface is desirable for a good etch.
3. DISPENSE 1 to 2 drops of etching gel on to the dispensing pad. Use a cotton pledget or brush and apply etching gel with a DABBING motion to the prophed teeth to be bonded. DO NOT RUB, as rubbing breaks the exposed enamel rods, which will result in a weak bond. Continuous application of etching gel for 60 seconds will provide the most desirable etch. Fluoridated and deciduous teeth may require a longer etch period of an additional 30 seconds.
4. RINSE thoroughly with water. At this point, do not allow patient to rinse or contaminate the enamel surface. Re-isolate and dry tooth thoroughly. The etched area should appear frosty white. ETCHED ENAMEL MUST NOT BE CONTAMINATED BY SALIVA. IF CONTAMINATION DOES OCCUR, RE-ETCH FOR 30 SECONDS, DRY AND RE-ISOLATE.

APPLICATION OF ADHESIVE AND BRACKET PLACEMENT.

1. Apply a thin coat of primer to each etched, dry tooth in the area to which the bracket is to be bonded, and the underside of each bracket base using a small disposable primer brush. This brush may be used for all teeth of a single patient, provided it is NOT contaminated with saliva or ADHESIVE PASTE, For PLASTIC brackets, allow approximately 45 seconds prior to application of ADHESIVE PASTE.
This conditions the plastic brackets for a strong chemical bond with the adhesive.
2. Apply a small quantity of adhesive paste to the underside of the bracket base and place on tooth. Contact between Liquid Primer and Adhesive Paste initiates polymerization.
3. In 25 seconds, position the bracket to desired angulation and press firmly. Initial set occurs within 45 seconds. (Do not move bracket once adhesive begins to gel; this destroys the bond to the enamel). A thin layer is essential for a strong bond. An excessive amount of adhesive will not completely polymerize. A slight excess should appear around the base as this indicates complete coverage of the bonding surface. Excess adhesive can be easily removed from the periphery of the bracket base after all brackets are in place.
4. Approximately 5 minutes after placement of last bracket, check for loose bonds starting with the first bracket bonded. Follow removal procedures and repeat the complete bonding procedure for any loose brackets. An active archwire can be inserted 5 minutes after complete bracket placement.

BRACKET & ADHESIVE REMOVAL

1. To remove bonded bracket/base use a ligature cutter to grab the adhesive at the enamel adhesive interface and slowly peel the bracket/base of the tooth. Avoid a shearing or twisting force.
2. Surfaces may be cleaned with a scaling instrument, and polished with pumice.

For Professional Dental use only



TECHNICAL & GENERAL Ltd. WARNINGS

Intention for use in cementation of orthodontic bracket.

Composition:

Crystalline and fumed silicon dioxide

Bis-gma

Stabilizer

Chemical initiators.

The self cure orthodontic is not irritable to the skin. In case of contact with the eyes, wash immediately with abundant water for at least 15 minutes and if the irritation still persist consult a doctor. In case of contact with skin wash the area with soap and water. In case of inhalation clean the nose with water and seek medical assistance. Before the use of these products always use rubber dam.

Some patients can present allergy to the self cure orthodontic composite or any of its components. In this case stop its use. Do not store at temperature above 24°C. Close the packages immediately after dispensing of the product.

Keep out of reach of children.

For professional dental use only.

Contraindication: The material must not be used when the application techniques described are not possible.

Warranty: Technical & General Ltd. Warrants the product against any fault of manufacture of the material. Technical & General Ltd., does not take responsibility for the misuse of the product out of the intention for use specified or out of the instructions for use, or out of the precautions, the warnings, and indicated contraindications. Being the only obligation is the replacement of the defective product.

Information: Post-production:

If the use of these products on a patient or any one else causes some anomaly, please send detailed report to Technical & General Ltd.



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NO REFRIGERATION NECESSARY