

SELF-ETCH BONDING AGENT

Description:

Essential Dental Systems bonding agent is a self-etch adhesive formulated to bond to multiple substrates for both direct and indirect bonding procedures. It's a universal adhesive that has the bond strength and durability of a total-etch adhesive while eliminating the etching step.

Indications for Use:

- Direct Bonding of L/C Composite Resins and Compomers
- Veneers
- Composite, Ceramic and Metal repairs
- Indirect restorations: inlays, onlays, crown and bridge retainers
- Endodontic post cementation
- Direct Bonding of Self Cure Composites and Core Build-up Materials

Contraindications:

Patients with a history of allergic reaction to methacrylate resins.

Warning:

EDS' Bonding Agent is flammable, keep away from sources of ignition.

EDS' Bonding Agent bottle should be tightly closed after use.

Avoid contact with eyes and soft tissue. In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention. In case of skin contact, remove contaminated clothing.

General Precautions:

U.S. Federal Law restricts this device to sale by or on the order of a dentist.

Review instructions and SDS prior to beginning treatment. Use only as directed.

Adverse Reaction:

Allergic or pre-existing skin, eye and respiratory conditions may be aggravated by exposure to this product.

Instructions for Use:

1.0 Direct Bonding Composite Resins and Compomers to Dentin/Enamel

Prepare the tooth. Isolate, wash and dry tooth with oil-free compressed air.

1.1 Shake bonding agent bottle.

1.2 Dispense 2-3 drops of bonding agent adhesive into a dappen dish.

Replace cap immediately after dispensing.

1.3 Use a disposable applicator brush, apply a coat to the enamel/dentin surface with scrubbing motion for 10-15 seconds.

1.4 Apply a second application with scrubbing motion 10-15 seconds.

1.5 Air dry with medium force for at least 5 seconds.

1.6 Light cure for 20 seconds.

1.7 Place restorative material immediately according to manufacture's instructions.

2.0 Indirect Restorations – Veneers, crowns, bridges, inlays and metal-based restorations (used in conjunction with a luting cement)

2.1 Follow steps 1.1 – 1.6

Veneers - Apply Luting Cement to Veneer, seat the veneer and cure the cement according to manufacturer's instruction.

Crown, bridges, inlays, onlays and metal-based restorations – Avoid pooling of the adhesive before light curing. After light curing the adhesive, apply a luting cement to the restoration or prep, seat the restoration, and cure the cement according to the manufacturer's instructions.

Endodontic Post Bonding – Avoid pooling of the adhesive before light curing. Remove excess adhesive with absorbent paper points. Following light curing of the adhesive, apply a dual-cure resin cement onto the post, seat the post, move the post slightly avoiding the possibility of trapped air, then cure the dual-cure resin cement.

Core Build up Bonding – Apply Ti-Core or other core material according to the instructions.

Storage:

Recommended storage conditions are between 2°C/36°F to 27°C/80°F, bringing to room temperature before using (22°C/72°F). Do not freeze. See outer package for expiration date.

