

Z-BOND ONE-STEP LIGHT-CURE SELF-ETCHING FLUORIDE RELEASING DENTIN/ENAMEL ADHESIVE WITH STRONG DESENSITIZING PROPERTIES

Indications for Use

Dent Zar's Z-Bond One-Step Light-Cure Self-Etching Dentin/Enamel Bonding Adhesive is a single-component light-cure multi-use adhesive for use in restorative dentistry. This single-component adhesive is a hydrophilic bonding agent that is suitable for use on moist dentin (wet bonding technique) and is designed to bond composites and compomers to both dentin and enamel, as well as treated metal, amalgam, and ceramic surfaces.

Dent Zar's Z-Bond One-Step Light-Cure Self-Etching Dentin/Enamel Bonding Adhesive releases fluorides and does not require mixing because the adhesive combines properties of etching and bonding in a single bottle. The result is fast and saves chair time. Z-Bond markedly reduces sensitivity due to the fact that the adhesive penetrates the smear layer and adheres to the tooth structure without opening tubules. Etching, penetration, and saturation of the dentin and enamel are accomplished with just two to three coats. It can be used for both direct and indirect bonding procedures.

Instructions for Use

1. Clean and prepare cavity.
2. Dispense 2 drops of Dent Zar's Z-Bond into mixing well.
Using a fully saturated brush tip, apply 2 consecutive coats to the tooth without waiting between coats. Leave undisturbed for at least 20 seconds. With an air syringe (place 1.5 inches from the pre.), thoroughly air dry for 10 seconds to remove excess solvent and water. If surface is not glossy, apply additional coats and dry. Light-cure for 10 seconds. Applying extra coats of Z-Bond will help reduce stress placed on the tooth and bond.
3. Apply remaining adhesive on brush tip and then apply onto dentin and enamel followed by briefly air drying.
4. Incrementally place light-cure composite, finish, and polish.

For Chemical-Cure Composite Filling with Light-Cure Occlusal Layer

1. Follow above steps 1 through 3.
2. Place matrix band. Mix equal portions of base and catalyst of a chemical cure composite. Using a tube and plug, syringe composite into cavity preparation to the level of DEJ.
3. Prior to the initial set of chemical-cure composite, place a thin preformed patty of light-cure composite slightly wider than the cavity preparation and lightly condense. (This step prevents voids, enhancing adaptation of the composites).
4. Following the setting of the chemical-cure composite, firmly condense the light-cure composite by removing excess and light-cure.
5. Remove matrix band, finish, and polish.

Immediately replace cap on adhesive bottle to prevent evaporation of solvents.

STORE at 72°F (22°C)

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