

Prior to use, carefully read the instructions for use. EN

G-Premio BOND

ONE COMPONENT LIGHT-CURED ADHESIVE

For use by a dental professional in the recommended indications.

RECOMMENDED INDICATIONS

- Direct bonding of light-cured composites and componers to both structure
- Bonding of prepoured core build up composites to tooth structure as long as these materials are light-cured.
- Repair of composite resin based and zirconia/alumina-based restorations
- Intraloral repair of ceramic restorations in combination with a self-curing adhesive
- Treatment of hypersensitive teeth
- Sealing of tooth preparation (cavity or abutment) for indirect restorations

CONTRAINDICATIONS

- Direct pulp capping.
- Avoid use of G-Premio BOND in patients with known allergies to metacrylic monomer, methacrylate polymer, or acetone.

NOT TO BE USED

- In combination with chemically cured composite resin.

2. In combination with eugenol containing restorative resin as an agent may cause G-Premio BOND to become brittle or bond poorly.

3. In combination with desensitizers as desensitizers may hinder bonding.

DIRECTIONS FOR USE

1. BONDING PROCEDURE

1. CAVITY PREPARATION:

Preparation of cavity according standard techniques. Make sure that the temporary material is thoroughly removed from the surface. Use water spray to clean and dry the prepared tooth surfaces before applying bonding agent.

Note: For pulp capping, use calcium hydroxide.

2. TREATMENT OF TOOTH SURFACES

Selected out of the following 3 technique options:

a) Apply G-Premio BOND to buccal-enamel and dentin.

Note: Non-porous enamel should always be treated with a 35-40% phosphoric acid gel for 10 seconds, rinsed with water for 5 seconds and gently dried.

b) Prior to applying G-Premio BOND to enamel and dentin, etch enamel only with 35-40% phosphoric acid gel for 10-15 seconds, rinse for 5 seconds and gently dry.

c) Total-etch technique:

Apply G-Premio BOND to enamel and dentin, etch enamel and dentin with 35-40% phosphoric acid gel for 10-15 seconds, rinse for 5 seconds and gently dry.

3. ADHESION:

a) **Bottle type:** Prior to dispensing, shake the bottle of G-Premio BOND well.

Then open the cap and hold it horizontally, pinch both cap release buttons on the neck of the bottle at the same time, as illustrated in Figure 1. Dispense a few drops of liquid onto the tooth preparation. Close the cap immediately.

Note: When dispensing, do not touch the cap immediately by releasing the cap on the hinge pins, as shown in Figure 2.

2) Wipe any excess liquid from the nozzle before closing the cap.

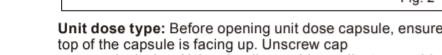


Fig. 1

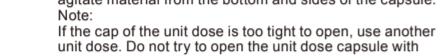


Fig. 2

Unit dose type: Before opening unit dose capsule, ensure top of the capsule is facing up. Unscrew cap counter-clockwise. Using the disposable applicator provided, apply adhesive material from the bottom and sides of the capsule.

If the top of the unit dose is too tight to open, use another unit dose. Do not try to open the unit dose capsule with force, as this can damage the adhesive and cause spill and contact accidental contact with skin and eyes.

b) **SOFT ORT** apply to the prepared enamel and dentin surfaces using the soft-etch technique.

c) Leave undiluted for 10 seconds after the end of etching. Rinse with water for 5 seconds and gently dry. Bonding strength even when dried immediately after application without waiting time.

d) Dry thoroughly with seconds with oil free air under MAXIMUM AIR pressure. Use vacuum suction to prevent adhesive film from being pulled off. The adhesive should be a thin adhesive film with a glossy surface and which does not visibly move under further air pressure.

1) When removing the refrigerator after long-term storage, let the adhesive warm up to room temperature for several minutes prior to use.

2) Apply G-Premio BOND immediately as the material is still liquid.

3) G-Premio BOND is a light-cured material. Protect the adhesive from direct sunlight.

4) Remove excess material remaining on the tooth (other than the surfaces to be bonded) using a sponge or cotton pellet and gently dry.

5) Remove excess material remaining on the tooth (other than the surfaces to be bonded) using a sponge or cotton pellet and gently dry.

6) Etch the tooth surface to be bonded with water, blood or saliva prior to light curing, wash and dry the tooth and repeat the procedure by re-applying material.

4. LIGHT CURING:

Light cure using a visible light curing unit.

Irradiation time

	Distance from light guide tip to the surface	Distance from light guide tip to the surface
Halogeen / LED (700-1200 mW/cm²)	10 seconds	20 seconds
High power LED (more than 1200 mW/cm²)	5 seconds	10 seconds

Note: Unit dose type:

1) Light cure completely for an effective bonding strength.

2) Use a protective light shield or similar protective eye wear during light curing.

5A. PLACEMENT OF LIGHT-CURED COMPOSITES AND COMPOSITES

After having light-cured the adhesive, follow manufacturer's instructions for use in order to place, contour and light-cure the composite.

5B. PLACEMENT OF DUAL-CURED COMPOSITES

After having light-cured the adhesive, follow manufacturer's instructions for use in order to place, contour and light-cure the dual-cured composite material separately.

5C. PLACEMENT OF G-Premio BOND

G-Premio BOND is a light-cured material. Protect the adhesive from direct sunlight.

5D. REMOVAL OF G-Premio BOND

Remove G-Premio BOND with a solvent.

5E. REUSING

Adhere restorative, finish and polish using standard techniques.

II. RESTORATIVE SITUATIONS

1. PREPARATION OF RESTORATION

Roughen the adherent surfaces using a diamond point.

2. PLACEMENT OF LIGHT-CURED COMPOSITES

After having light-cured the adhesive, follow manufacturer's instructions for use in order to place, contour and light-cure the light-cured dual-cured composite material separately.

3. FILMING

After curing, protect the restorative by applying material.

4. LIGHT CURING:

Light cure using a visible light curing unit. Refer to I. BONDING PROCEDURE, 4. LIGHT CURING.

5. PLACEMENT OF LIGHT-CURED BONDING

On the adhesive surface, apply G-Premio BOND.

5A. G-Premio BOND is a light-cured material. Protect the adhesive from direct sunlight.

5B. After curing, protect the restorative by applying material.

5C. REUSING

Adhere restorative, finish and polish using standard techniques.

III. TREATMENT OF HYPERSENSITIVE TEETH AND IMMEDIATE DENTIN SEALING

THERAPEUTIC

ADHESIVE

REPAIR

Refer to I. BONDING PROCEDURE, 2. TREATMENT OF TOOTH SURFACES AND 3. APPLICATION OF G-Premio BOND for immediate drying.

Note: For treatment of hypersensitive teeth, the self-cure technique is recommended.

2. LIGHT CURING

3. REMOVE UNPOLYMERIZED LAYER

Remove the unpolymerized layer of G-Premio BOND using a moist cotton pellet.

4. LIGHT CURING:

Light cure using a visible light curing unit. Refer to I. BONDING PROCEDURE, 4. LIGHT CURING.

5. PLACEMENT OF LIGHT-CURED COMPOSITES

After having light-cured the adhesive, follow manufacturer's instructions for use in order to place, contour and light-cure the light-cured dual-cured composite material separately.

6. FINISHING

Adhere restorative and proceed to polishing using standard techniques.

IV. REPARATIONS

1. PREPARATION OF THE RESTORATION

Remove the restorative and proceed to bonding.

2. PLACEMENT OF THE SUPERFICIES DENTAL

After having light-cured the adhesive, follow the instructions for use in order to place, contour and light-cure the dual-cured composite material separately.

3. REPARATIONS

Adhere restorative and proceed to bonding.

4. LIGHT CURING:

Light cure using a visible light curing unit. Refer to I. BONDING PROCEDURE, 4. LIGHT CURING.

5. PLACEMENT OF LIGHT-CURED COMPOSITES

After having light-cured the adhesive, follow manufacturer's instructions for use in order to place, contour and light-cure the light-cured dual-cured composite material separately.

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Adhere restorative and proceed to polishing using standard techniques.

VI. TREATMENT OF HYPERSENSITIVE TEETH AND IMMEDIATE DENTIN SEALING

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6. FINISHING

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3. REPARATIONS

Adhere restorative and proceed to bonding.

4. LIGHT CURING:

Light cure using a visible light curing unit. Refer to I. BONDING PROCEDURE, 4. LIGHT CURING.

5. PLACEMENT OF LIGHT-CURED COMPOSITES

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