

Prior to use, carefully read the instructions for use.



G-Premio BOND

ONE COMPONENT LIGHT-CURED ADHESIVE

For use only by a dental professional in the recommended indications.

RECOMMENDED INDICATIONS

1. Direct bonding of light-cured composites and compomers to tooth structure
2. Bonding of dual-cured core build up composites to tooth structure as long as these materials are light-cured.
3. Intraoral repair of composite, metal-based and zirconia/alumina-based restorations
4. Intraoral repair of ceramic restorations in combination with a silane coupling agent
5. Treatment of hypersensitive teeth
6. Sealing of tooth preparation (cavity or abutment) for indirect restorations

CONTRAINDICATION

1. Pulp capping.
2. Avoid use of this product in patients with known allergies to methacrylate monomer, methacrylate polymer, or acetone.

NOT TO BE USED

1. In combination with chemically cured composite resin.
2. In eugenol containing materials as eugenol may hinder G-Premio BOND from setting or bonding properly.
3. In combination with desensitizers as desensitizers may hinder G-Premio BOND from setting or bonding properly.

DIRECTIONS FOR USE

I. BONDING PROCEDURE

1. CAVITY PREPARATION

Prepare tooth using standard techniques. Make sure that the temporary material is thoroughly removed from the surface. Use rubber dam for protection. Rinse and dry the prepared tooth surfaces by gently blowing with an air syringe.

Note:
For pulp capping, use calcium hydroxide.

2. TREATMENT OF TOOTH SURFACES

Select out of the following 3 technique options:

a) Self-etch technique

Apply G-Premio BOND to bur-cut enamel and dentin, without a separate etching step.

Note:

Non bur-cut 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) Selective etching of enamel

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

Prior to applying 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. APPLICATION OF G-Premio BOND

a) **Bottle type:** Prior to dispensing, shake the bottle of G-Premio BOND thoroughly. Dispense a few drops into a clean dispensing dish. Replace bottle cap immediately.

Unit dose type: Unscrew cap of unit dose counterclockwise. Make sure to identify the top and bottom of the unit dose capsule before opening. Using the disposable applicator provided, mix the liquid thoroughly for 5 seconds, making sure to combine liquid from top and bottom of the container.

b) **IMMEDIATELY** apply to the prepared enamel and dentin surfaces using the disposable applicator.

c) Leave undisturbed for 10 seconds after the end of application. G-Premio BOND can provide sufficient bonding strength even when dried immediately after application without waiting time.

d) Dry thoroughly for 5 seconds with oil free air under MAXIMUM air pressure. Use vacuum suction to prevent splatter of the adhesive. The final result should be a thin adhesive film with a glossy surface and which does not visibly move under further air pressure.

Notes:

1) When removing from refrigerator after long-term storage, allow G-Premio BOND to stand at room temperature for several minutes prior to use.

2) If the cap of the unit dose is too tight to open, to avoid accidental contact of the liquid with skin and eyes, do not try to open it with force. Use another unit dose.

3) Apply G-Premio BOND immediately as the material contains a volatile solvent.

4) G-Premio BOND is a light-cured material. Protect the liquid from light after dispensing.

5) Remove excess material remaining on the tooth (other than the surfaces to be bonded) using a sponge or cotton pellet as residue material is hard to remove after light curing.

6) Should the applied material be contaminated 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 <10 mm	Distance from light guide tip >10 mm
Halogen / LED (700 mW/cm ²)	10 seconds	20 seconds
High power LED (more than 1200 mW/cm ²)	5 seconds	10 seconds

Notes:

1) Light cure completely for an effective bonding strength. Lower light intensity may cause insufficient adhesion.

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

5A. PLACEMENT OF LIGHT-CURED COMPOSITES AND COMPOMERS

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

5B. PLACEMENT OF DUAL-CURED COMPOSITES

After having light-cured the adhesive, make sure to light-cure the dual-cured composite material separately. Self-curing only will result in insufficient bonding strength.

6. FINISHING

Adjust restoration, finish and polish using standard techniques.

II. REPAIR SITUATIONS

1. PREPARATION OF RESTORATION

Roughen the adherent surfaces using a diamond point.

Use rubber dam for protection. Rinse and dry the prepared surfaces by blowing with an air syringe. If the restoration surface contains glass ceramics or hybrid ceramics treat those surfaces using a silane coupling agent such as CERAMIC PRIMER II (GC) prior to application of G-Premio BOND.

Note:

Do NOT apply CERAMIC PRIMER II (GC) to metal and/or tooth surface.

2. TREATMENT OF TOOTH SURFACES

Select out of the following 3 technique options:

a) Self-etch technique

Apply G-Premio BOND to bur-cut enamel and dentin, without a separate etching step.

Note:

Non bur-cut 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) Selective etching of enamel

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

Prior to applying 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. APPLICATION OF G-Premio BOND

a) **Bottle type:** Prior to dispensing, shake the bottle of G-Premio BOND thoroughly. Dispense a few drops into a clean dispensing dish. Replace bottle cap immediately.

Unit dose type: Unscrew cap of unit dose counterclockwise. Make sure to identify the top and bottom of the unit dose capsule before opening. Using the disposable applicator provided, mix the liquid thoroughly for 5 seconds, making sure to combine liquid from top and bottom of the container.

b) **IMMEDIATELY** apply to all repaired surfaces using the disposable applicator.

c) Leave undisturbed for 10 seconds after the end of application. G-Premio BOND can provide sufficient bonding strength even when dried immediately after application without waiting time.

d) Dry thoroughly for 5 seconds with oil free air under MAXIMUM air pressure. Use vacuum suction to prevent splatter of the adhesive. The final result should be a thin adhesive film with a glossy surface and which does not visibly move under further air pressure.

Notes:

1) When removing from refrigerator after long-term storage, allow G-Premio BOND to stand at room temperature for several minutes prior to use.

2) If the cap of the unit dose is too tight to open, to avoid accidental contact of the liquid with skin and eyes, do not try to open it with force. Use another unit dose.

3) Apply G-Premio BOND immediately as the material contains a volatile solvent.

4) G-Premio BOND is a light-cured material. Protect the liquid from light after dispensing from the bottle.

5) Remove excess material remaining on the tooth (other than the surfaces to be bonded) using a sponge or cotton pellet as residue material is hard to remove after light curing.

6) Should the applied material be contaminated 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.

Refer to I. BONDING PROCEDURE, 4. LIGHT-CURING

5. PLACEMENT OF LIGHT-CURED COMPOSITES/COMPOMERS

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

6. FINISHING

Adjust restoration, finish and polish using standard techniques.

III. TREATMENT OF HYPERSENSITIVE TEETH AND IMMEDIATE DENTIN SEALING

1. APPLICATION OF G-Premio BOND

Refer to I. BONDING PROCEDURE, 2. TREATMENT OF TOOTH SURFACES and 3. APPLICATION OF G-Premio BOND. Wait 10 seconds before drying.

Note:

For the treatment of hypersensitive teeth, the self-etch technique is recommended.

2. LIGHT CURING

Refer to I. BONDING PROCEDURE, 4. LIGHT-CURING

3. REMOVE UNPOLYMERIZED LAYER

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

STORAGE

Store at room temperature (1-25°C) (33.8-77.0°F).

If not in use for a prolonged period of time, store in refrigerator.

Shelf life: 2 years from date of manufacture.

PACKAGE

G-Premio BOND Bottle Kit: 5 mL liquid (1), disposable dispensing dish (20), disposable applicator fine (50)

G-Premio BOND Bottle Refill: 5mL liquid (1)

G-Premio BOND 3-Bottle Pack: 5mL liquid (3)

G-Premio BOND Unit Dose: 0.1 mL liquid (50), disposable applicator fine (50)

CAUTION

1. In rare cases, the product may cause sensitivity in some people. If such reaction occurs, discontinue the use of the product and refer to a physician.

2. Wear protective gloves and eye protection.

3. Avoid inhalation or ingestion of material.

4. G-Premio BOND is a highly flammable liquid and vapour. Do not use near naked flame. Keep away from sources of ignition. Do not store large quantities in one area. Keep away from direct sunlight.

5. G-Premio BOND is volatile. Use in a well-ventilated place. Advise patients to breathe through nose.

6. G-Premio Bond unit dose is for single use only. Do not attempt to recap or reuse. Unit Dose cannot be recapped properly once opened and the volatile solvent may evaporate.

7. In case of contact with eyes, flush immediately with water and seek medical attention.

8. In case of contact with oral tissue or skin, immediately remove with a sponge or cotton pellet. After the restorative treatment is finished, rinse thoroughly with water.

9. If the tissue contacted by the material turns white or forms a blister, advise the patient to leave the affected area undisturbed, until the mark disappears, usually in 1-2 weeks. To avoid contact, it is recommended to apply cocoa butter to areas which cannot be covered with a rubber dam.

10. In case of surface spills, immediately wipe off with a dry cloth.

11. Do not mix with other products.

12. Dispose of contents/container in accordance with local regulations.

The Safety Data Sheets for this product are available at

<http://www.gceurope.com/download>

or for North and Latin America

<http://www.gcamerica.com/downloads>

They can also be obtained from your supplier.

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Rx Only

CE 0086

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