The world’s most clinically successful adhesive is now even better! Introducing G-Premio BOND.

G-BOND has proven to be the world’s most clinically successful adhesive with an annual failure rate of just 1.3 restorations per 100 restorations placed.

This clinical success clearly endorses G-BOND’s formulation – designed for durability through chemical bonding, using a more hydrophobic, non-HEMA containing self-adhesive resin.

**New G-Premio BOND** is a no compromise, one-component, light-cured universal adhesive that delivers a bonding experience like no other. It offers outstanding performance in all etching modes and all clinical situations.

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### TOP 10 BONDING AGENTS

<table>
<thead>
<tr>
<th>Adhesive (manufacturer)</th>
<th>Annual Failure Rate</th>
<th>Number of clinical trials</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-BOND (GC)</td>
<td>1.3</td>
<td>7</td>
</tr>
<tr>
<td>Adper Scotchbond 1 XT (3M ESPE)*</td>
<td>1.4</td>
<td>5</td>
</tr>
<tr>
<td>Optibond FL (Kerr)*</td>
<td>1.8</td>
<td>6</td>
</tr>
<tr>
<td>Clearfil SE Bond (Kuraray Noritake)*</td>
<td>2.2</td>
<td>12</td>
</tr>
<tr>
<td>Clearfil Liner Bond (Kuraray Noritake)*</td>
<td>2.2</td>
<td>3</td>
</tr>
<tr>
<td>Adper Prompt L-Pop (3M ESPE)*</td>
<td>2.3</td>
<td>7</td>
</tr>
<tr>
<td>Clearfil S3 Bond (Kuraray Noritake)*</td>
<td>2.6</td>
<td>7</td>
</tr>
<tr>
<td>Adper Easy Bond (3M ESPE)*</td>
<td>3.2</td>
<td>3</td>
</tr>
<tr>
<td>XPBond (Dentsply DeTrey)*</td>
<td>3.5</td>
<td>5</td>
</tr>
<tr>
<td>Adhese (Ivoclar Vivadent)*</td>
<td>3.6</td>
<td>3</td>
</tr>
</tbody>
</table>

Ranking is based on average annual failure rate (AFR) reported from a minimum of 3 independent clinical trials** for adhesive performance in non carious cervical lesions (NCCL).

Enjoy a premium bonding experience like no other!

Universal etching modes
- Self-etch
- Selective-etch
- Total-etch

Universal indications
- Direct bonding*
- Repair cases*
- Hypersensitivity treatment**

Universal acclaim
- Brilliant bottle design.
- Fast and simple, no rubbing or complex application procedures.
- Chemically bonds within the first few seconds of application.
- Visible during application, invisible after light-curing.
- Wets the tooth just like water.
- Perfect margins.
- No patient discomfort.

* Dr S. Koide, Japan  ** Dr E. Sauji, Japan
Premium bonding with G-Premio BOND

Premium performance in any clinical setting

- An easy and forgiving application procedure with minimal opportunity for handling errors
- Immediate chemical bonding, so even a shortened application time will deliver high bond strengths without needing to rub the surface.
- The drying step is highly reproducible: 5 seconds, MAXIMUM air pressure
- A higher content of photo-initiator gives more efficient light-curing
- The fast, 25 sec self-etch application and chemical adhesion is perfect for paediatric bonding or clinical cases where moisture control is challenging
- Its yellow colour prior to light-curing gives visual control of application
- Stable formulation with a 2-year shelf life and no refrigeration required

Premium adhesive bond strengths

- Exceptional bond strengths to enamel and dentine, regardless of the etching mode
- 4-MET, MDP and MDTP universalise its bonding capabilities, providing strong adhesion to: GIC, metals (including precious), composites, zirconia and alumina
- Combines with Ceramic Primer II for optimum adhesion to glass ceramics
Premium comfort for your patients

- Applies like no other bond, with **exceptional wetting characteristics**
- Has an **innate ability to penetrate** and form an immediate chemical bond
- Eliminates patient discomfort
- Treatment option for **cervical hypersensitivity**

Premium margin aesthetics

- Forms an ultra-thin, **hydrophobic bond layer** to deliver invisible margins
- All water is removed from the bond layer during air drying, to ensure bond durability and a **very low 3µm film thickness**.
- Smart filler technology produces a **high filler density** in a fluid consistency bond
- Enhanced photo-initiators ensure a **stronger bond layer** after light-curing
- **HEMA-free**

Premium value

- Unique silicon bottle gives **total control** over dispensing
- A thin nozzle design minimises material wastage and guarantees **up to 300 applications per 5ml bottle**
G-Premio BOND direct bonding technique

A simple application technique with immediate adhesion and high bond strengths provides an ideal platform for clinical success in direct bonding procedures.

1. Select preferred technique. Etch for 10-15s, rinse & dry.
2. Apply G-Premio BOND and wait for 10sec.
3. Dry for 5sec at MAX air pressure.
4. Light-cure for 10sec.

Shear bond strength (MPa) to enamel and dentine in self-etch mode, after thermocycling (20,000 cycles)

In self-etch mode, G-Premio BOND forms a 500nm-deep nano interaction zone (NIZ)

In total etch mode, a uniform hybrid layer is formed.
For best results, dry moderately using an air syringe.
Do not over-dry as this could collapse the collagen fibres.
Do not use a wet bonding technique.

Source: GCC R&D
G-Premio BOND repair application technique

G-Premio BOND enables excellent adhesion to all substrates after thermocycling, recognising that the use of a separate primer (Ceramic Primer) together with G-Premio BOND is essential on glass ceramics to ensure durable adhesion.

1. Roughen the surface; Rinse and dry.
2. If there is a glass ceramic surface, apply Ceramic Primer and dry.
3. Apply G-Premio BOND to all surfaces to be repaired and leave for 10sec.
4. Dry for 5sec at MAX air pressure.
5. Light-cure for 10sec.

CERAMIC PRIMER features GC’s advanced silane and proven phosphoric acid ester monomer technologies in an innovative single bottle delivery, formulated for stability and durable adhesion. It has a 2-year shelf life and does not require refrigeration.

Shear bond strength (MPa) to polished indirect substrates after thermocycling (5,000 cycles)

Source: GCC R&D; * Used in combination with Ceramic Primer