G-Premio BOND from GC

One-component light-cured universal adhesive

Believe in zero compromises
Selecting the appropriate bonding for a given indication, and making sure to follow precisely the different procedure steps is not always easy. This is why GC developed G-Premio BOND - a one-bottle universal bonding compatible with all etching modes and which can be used not only for direct bonding, but also for repair cases & hypersensitivity treatment.

Moreover, GC wants to offer this ease of use & versatility without any impact on the quality of the bond. G-Premio BOND offers the advantages of a universal but with a top performance in all situations.

Because we believe in zero compromises.

Why Universal?

Universal in etching modes
The choice is yours!

- Self-etch
- Selective etch
- Total-etch

Universal in indications
Multi-use!

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

Universal in performance
Optimal performance on different substrates!

- 4-MET: for a reliable adhesion to enamel & dentin
- MDP: for an excellent adhesion to enamel & dentin, zirconia, alumina and non-precious metals
- MDTP: to bond to precious metals***

*Pictures courtesy of Dr S. Koide, Japan
**Picture courtesy of Dr E. Sauji, Japan
***MDTP: Methacryloyloxydecyl dihydrogen thiophosphate
Displaying an excellent bond strength on both enamel and dentin regardless of the etching mode, G-Premio BOND guarantees an optimal performance and durability in time. Its unique composition based on three functional monomers (4-MET, MDP and MDTP) enables a stable bond not only to tooth structure, but also to composites, metals (including precious), zirconia and alumina.

When combined with a ceramic primer such as G-Multi PRIMER, it will create a durable adhesion to any type of glass ceramics, even after thermocycling. Because we believe that a separate silane will provide the best long-term results.

Take a step towards no failures!

Aim for zero discolorations!

Thanks to an optimal wettability and penetration and a very efficient drying procedure (5 seconds at MAXIMUM air pressure), G-Premio BOND achieves an extremely thin film thickness of 3µm. Although the bonding is very fluid, it contains a high amount of fillers and photo-initiators which help to obtain a strong bonding layer. These characteristics coupled with the HEMA-free formulation guarantee the preservation of the bonding layer in time and prevent any hydrolysis leading to discolorations.

Choose durable aesthetic results!

Seek zero post-operative sensitivity!

With G-Premio BOND, there is no need to worry about open tubules possibly leading to post-operative sensitivity. When using the self-etch and selective etch approaches, the tubules are opened only slightly. In total-etch mode, the tubules will be fully infiltrated thanks to the bonding’s exceptional wettability and penetration ability.

Eliminate patient discomfort!
**Attempt zero mistakes!**

With G-Premio BOND, handling errors are virtually banned from the restorative routine. Combining an easy procedure with a low technique sensitivity, G-Premio BOND offers a complete peace of mind during the procedure:

- The bond strength is sufficient even when waiting time is not fully carried out
- The drying step is impossible to miss: 5 seconds, MAX air pressure
- Light-curing is very efficient thanks to a high photoinitiator content
- Visual control of the application is made easy by the yellowish colour of the bonding before light-curing

Enjoy a forgiving procedure!

**Work with zero hassle!**

With a working time of 7 minutes in its dedicated dish, G-Premio BOND allows stress-free working. It also offers you a versatile solution in one bottle: for direct bonding, but also for repair cases and hypersensitivity treatment. The application is made very easy thanks to its optimal viscosity and wettability: you could say G-Premio BOND “behaves like water”.

Forget about cumbersome routines!

**Go after zero waste!**

With G-Premio BOND, you can save precious time thanks to a very fast procedure: 25s in self-etch, 50s in selective or total-etch. This will be particularly beneficial in situations where isolation is not optimal, or in pediatric cases. G-Premio BOND also helps you to minimise material waste thanks to a unique silicon bottle cover optimising dispensing control and a thin nozzle delivering very small drops – up to 300 per bottle.

Stop wasting time and material!
### Zero compromises on Direct Restorations

G-Premio BOND displays the **highest bond strength values** among the products tested after thermocycling, on **both enamel and dentin in self-etch mode**.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Enamel Shear Bond Strength (MPa)</th>
<th>Dentin Shear Bond Strength (MPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-Premio BOND</td>
<td>Max.</td>
<td>Max.</td>
</tr>
<tr>
<td>Scotchbond Universal*</td>
<td></td>
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<tr>
<td>Adhese Universal*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEARFIL Universal Bond*</td>
<td></td>
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</tr>
<tr>
<td>OptiBond XTR*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEARFIL SE Bond*</td>
<td></td>
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</tbody>
</table>

Source: GCC R&D data, Japan, 2015

* Not trademarks of GC

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### Zero compromises on Repair Cases

G-Premio BOND displays an **excellent adhesion to all substrates** after thermocycling, including precious metals thanks to the MDTP monomer. The other products tested have a low performance on precious metals.

The use of a separate primer (such as **G-Multi PRIMER**) together with G-Premio BOND on glass ceramics enables to obtain a **durable adhesion to any type of ceramics**.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Composite Shear Bond Strength (MPa)</th>
<th>Porcelain Shear Bond Strength (MPa)</th>
<th>Ti/Alloy Shear Bond Strength (MPa)</th>
<th>Zirconia Shear Bond Strength (MPa)</th>
<th>Au-Ag-Pd Shear Bond Strength (MPa)</th>
</tr>
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<td>Scotchbond Universal**</td>
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</table>

Source: GCC R&D data, Japan, 2015

* Used in combination with Ceramic Primer II

** Not trademarks of GC
G-Premio BOND from GC

Dare to go for...

- Zero debondings
- Zero mistakes
- Zero discolorations
- Zero hassle
- Zero post-op sensitivity
- Zero waste

<table>
<thead>
<tr>
<th>Article number</th>
<th>Description</th>
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<tbody>
<tr>
<td>012687</td>
<td>G-Premio BOND 5mL Kit</td>
</tr>
<tr>
<td>012694</td>
<td>G-Premio BOND 5mL Bottle Refill</td>
</tr>
<tr>
<td>012688</td>
<td>G-Premio BOND 3-bottle Pack</td>
</tr>
<tr>
<td>009034</td>
<td>G-Premio BOND Unit Dose 50 pcs</td>
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</table>

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