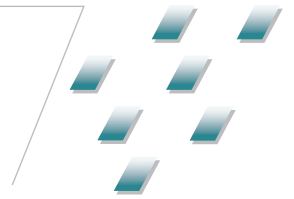


BONDING

Effective in all conditions



G-BOND™
Advanced 7th Generation
Single Component Adhesive



Wet or dry, this bond will last



A one-component, one-coat advanced 7th generation bonding system, G-BOND™ gives you a strong, long-lasting bond between light-cured composites, enamel and dentin in all surface conditions. And unlike earlier generation bonding agents, G-Bond is an all-in-one etch-desensitize-prime-bond system that is not technique sensitive and never requires any mixing.

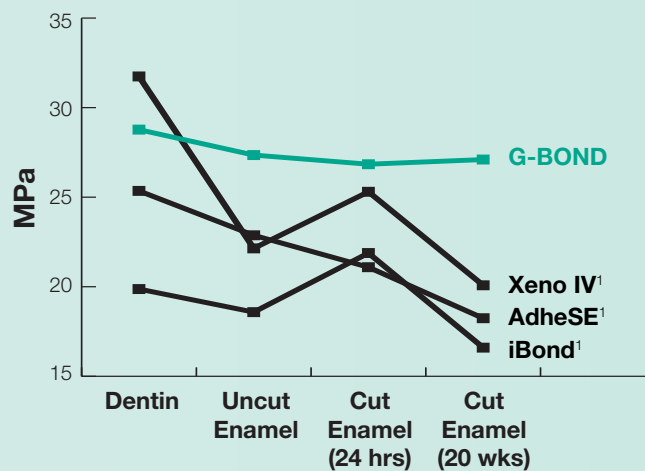
Wet or dry, G-BOND produces a strong chemical bond thanks to a highly advanced formulation that contains phosphoric ester monomer for superior bond strength to enamel and 4-MET monomer for adhesion to dentin.

Bond Strength Comparison

Wet or dry, one step, one coat G-BOND creates a consistently reliable bonding interface that locks onto dentin and enamel in all surface conditions.

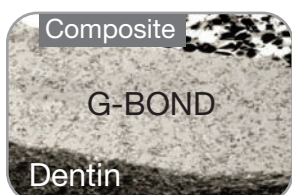
Visit www.got-g.com for more information.

Source: Antebi, R.; Nathanson, D.; and Hughes, C.V. (2006 IADR), Bond Strength of Self-Etching Adhesives to Enamel and Dentin In-Vitro, Boston University.
*Not a trademark of GC America Inc.

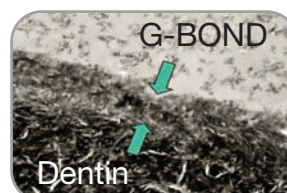


NIZ™ technology (Nano Interaction Zone)

G-BOND's advanced formulation of phosphoric acid ester monomer, 4-MET monomer, nano-filled particles, acetone and water solvent forms a nonconventional interface with the dentin. This "nano" level reaction produces an insoluble compound for a better bond that is less likely to deteriorate from oral enzymes. The Nano Interaction Zone (NIZ) is characterized by little or no exposure of collagen fibers and is extremely thin (only 300 nanometers).



G-BOND's thin, dense interface with dentin (less than 10 um film thickness)

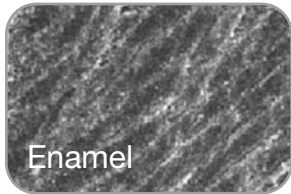


G-BOND's Nano Interaction Zone (NIZ) (less than 300 nanometers)



No postoperative sensitivity

With no separate etching or drying steps required, dentin tubules are never completely exposed, so postoperative sensitivity is virtually eliminated. G-BOND's 5% nano filler seals the tubules, which minimizes pulpal sensitivity, microleakage and microbial invasion.



Enamel after application (2000x SEM). Shows demineralization of the smear layer and enamel crystal formations.



Dentin surface after application (2000x SEM). Shows demineralized smear layer and sealing effect on the dentinal tubules.

HEMA-free and stable

Formulated without HEMA, which may lead to water uptake, discoloration and possible loss of retention, G-BOND™ adhesion properties are second to none when bonding light-cured composites, compomers, dual-cured cements and core build-up materials (light-cure mode) to tooth structure.

G-BOND is extremely stable and can be stored at room temperature.

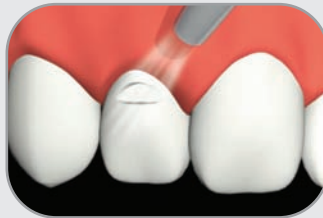


One coat, one blast, one cure

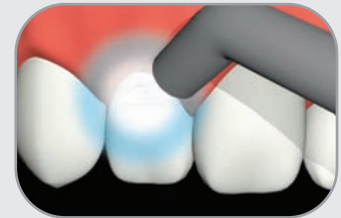
For light-cured composite restorations, there is only one bonding system that lets you do it all, with one simple technique, in as little as 20 seconds: G-BOND from GC America.



- 1 **Brush apply one coat to both dentin and enamel, and then wait 5 seconds**



- 2 **Thin with high-pressure syringe air**



- 3 **Light cure for 10 seconds**

G-BOND™

The new standard in self-etching adhesive



- 20-second application
- No postoperative sensitivity
- Breakthrough NIZ™ technology
- No marginal staining or discoloration
- High stability with no refrigeration required
- Simple application — never any mixing or mess
- Etch, desensitize, prime and bond in one easy step
- Consistent, reliable bond strengths to enamel and dentin



G-BOND Product Codes

002277 G-BOND Kit - Bottle

Contains:

- 1 Bottle of G-BOND (5 mL)
- 1 Package of 50 Micro-tip Brushes
- 1 Micro-tip Handle
- 1 Dispensing Dish
- 1 Technique Card



002302 G-BOND Unit Dose Package

Contains:

- 50 unit doses of G-BOND (0.1 mL)
- 1 Package of 50 Micro-tip Brushes
- 1 Technique Card

GC
GC America Inc.

3737 West 127th Street
Alsip, IL 60803
1-800-323-7063
www.gcamerica.com

606001

© 2006 GC America Inc.