



Leading the way
to a new standard

G2-BOND Universal

The new standard
of 2-bottle
Universal Bonding



Since 1921
100 years of Quality in Dental

Leading the way to a new standard

With over 1 billion composite restorations and a century of competence in dental materials, GC is leading the way to new standards in adhesive dentistry. With its proprietary Dual H-Technology, an advanced optimization of the bonding both to the tooth and the composite, G2-BOND Universal is an all-around universal 2-bottle system combining what clinicians would expect from existing self-etch (SE) and etch-and-rinse (ER) Gold Standards, and even more:

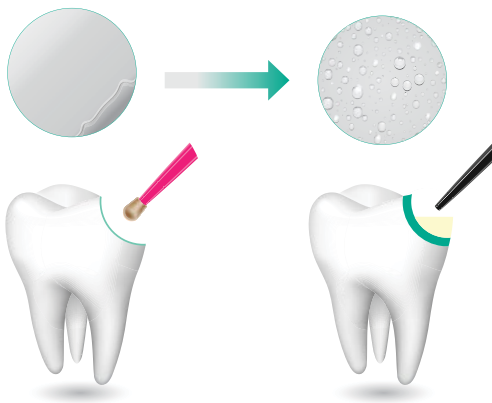
- Your choice of preferred etching mode
- High durability and bond strength
- Multiple indications¹
- Excellent resistance to marginal staining
- Easy dispensing and low technique sensitivity



G2-BOND Universal Dual H-Technology

Challenged to improve on existing 2-bottle benchmarks, GC researchers focused on strengthening the adhesive layer and significantly reducing the potential for water degradation over time. The new GC proprietary Dual-H Technology provides a smooth transition from hydrophilic to hydrophobic characteristics in the primed surface, which is then further strengthened by a truly hydrophobic protective bond layer.²

Hydrophilic primer wets and self-etches the tooth surface effectively.



Highly hydrophobic bond layer results in strong bonding to composite.

Without hydrophilicity?

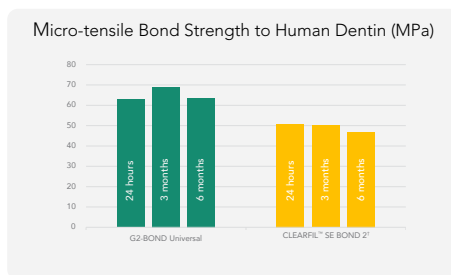
- Insufficient resin infiltration to dentin surface
- Higher risk for gap formation

Without hydrophobicity?

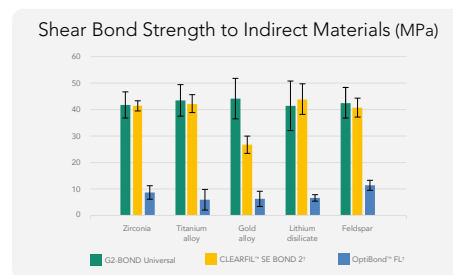
- Hydrolytic degradation of bond layer
- Increased risk for debonding

All-round performance of a unique composition

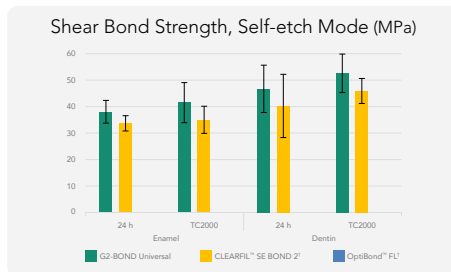
- 4-MET for a reliable adhesion to enamel & dentin
- MDP for an excellent adhesion to enamel & dentin, zirconia, alumina and non-precious metals
- MDTP to bond to precious metals
- HEMA-free bonding system for a clinically proven outstanding durability³



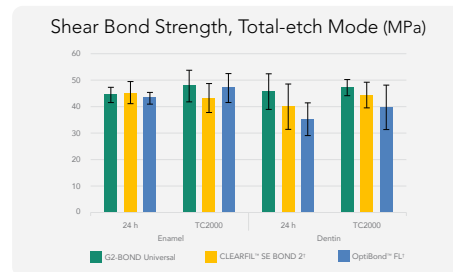
Source: Dr Mine, Osaka University, Japan



Source: GCC R&D



Source: GCC R&D



Source: GCC R&D

013646 G2-BOND Universal Bottle Kit

Contains: One 1-PRIMER 5mL bottle, one 2-BOND 5mL bottle and accessories.

013651 G2-BOND Universal 1-PRIMER 5mL Bottle

013652 G2-BOND Universal 2-BOND 5mL Bottle

013657 G2-BOND Universal 1-PRIMER Bottle Cover

013658 G2-BOND Universal 2-BOND Bottle Cover

¹CLEARFIL™ SE BOND 2 is a trademark of Kuraray America, Inc. OptiBond™ FL is a trademark of Kerr Corporation.

²Indications: Direct Composites | Intra-oral Repair | Immediate Dentin Sealing (IDS) | Treatment of hypersensitive teeth | Treatment of exposed root surfaces

³Luting of indirect restorations (with G-CEM LinkForce™) | Post luting & Core Build-up (with GRADIA® CORE & G-Premio BOND™ DCA). 2 GC R&D Date, Japan, 2020, Data on File.

3 Van Dijken JW. A randomized controlled 5-year prospective study of two HEMA-free adhesives, a 1-step self etching and a 3-step etch-and-rinse, in non-carious cervical lesions. Dent Mater. 2013 Nov;29(11):e271-80.