



Max Bond LC™

SELF-ETCHING BONDING SYSTEM

Max Bond LC

Max Bond LC offers the best of both worlds – simplified application and superior bond strength. This easy to use, self-etching, light cure dental adhesive was designed for bonding composites and compomers to enamel and dentin. It can be used with any light cure, composite restorative material.

As an alternative to complicated, multi-step bonding agents, this system contains two components that are mixed together and applied in a single-step process. Max Bond LC is easy to use and is not technique sensitive.

It is composed of modified acrylic acid, methacrylates, phosphoric esters, catalysts, and stabilizers in ethanol. Any type of light – LED, halogen, or plasma can be used to cure Max Bond LC. Since etching is not required, post operative sensitivity is also reduced.



Features and Benefits

- Single-step application for etching, priming, and bonding
- System not technique sensitive
- Light cures in 10 seconds
- Provides strong bonding strength to enamel and dentin
- High dentin microtensile bond strength - 52.8 MPa
- Results in long-lasting restorations
- Effective marginal seal protects against micro-leakage

**To order or for more information,
call 888-JMORITA (566-7482) or
contact your local dealer.**

J. MORITA
USA INC.

WWW.JMORITAUSA.COM

Competitive Advantage

Max Bond LC was developed to counter the limitations of single component, self-etching adhesive systems, while remaining effective and user friendly. In any bonding system, a considerable amount of water is necessary to produce a pH sufficiently low enough to demineralize and etch the tooth structure. The water, however, may also contribute to hydrolysis of resin/dentin hybrid layers necessary for adhesion. Max Bond LC is supplied in two bottles to segregate the water from the acidic resins. By separating these components, Max Bond LC offers a stable product with a longer shelf life, as the possibility of pH alteration during storage is reduced. In addition, Max Bond LC has demonstrated exceptional dentin and enamel bond strengths in clinical research compared to other self-etching products. With a single application step for etching, priming, and bonding, it is also easy to use.

Clinical Study¹

In a study conducted by the Medical College of Georgia, School of Dentistry, Max Bond LC produced the highest immediate dentin bond strength observed in their laboratory for a self-etching product applied as a single component. (Figure A)

Dentin Microtensile Bond Strength

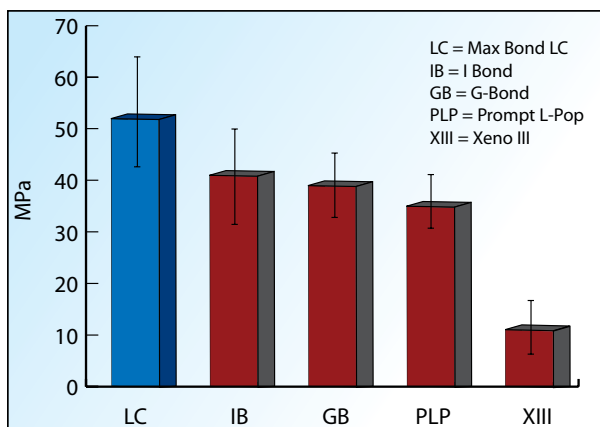


Figure A.
Max Bond LC produced the highest immediate dentin bond strength.³

Basic Application Steps²

Max Bond LC offers simplified application. It is easy to learn and is not technique sensitive.

1. Dispense one drop of Agent A and one drop of Agent B into a mixing pallet and mix for at least 5 seconds
2. Apply mixture with brush on slightly wet enamel and dentin surfaces for 20 seconds with agitation
3. Air dry for 5 seconds
4. Light cure for 10 seconds
5. Apply restorative materials

Ordering Information

Packaging

Kit contains: Agent A (5ml) (1), Agent B (5ml) (1), Disposable Mixing Wells (10), Disposable Brushes (50), and Brush Handle (1)

Product Numbers

28-200100	Max Bond LC Kit
28-200200	Max Bond LC Agent A (5ml)
28-200300	Max Bond LC Agent B (5ml)
26-11021	Disposable Brushes (100)
26-11022	Brush Handle (1)

Shelf life: 2 years

¹ Excerpts from study conducted by Medical College of Georgia, School of Dentistry, August 4, 2006.

² Refer to instructions for use in Max Bond LC kit or J. Morita USA's website for complete instructions on how to use this product.

³ Max Bond LC was formerly named Excel Bond LC.

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