



DARBY DENTAL SUPPLY, LLC

Heraeus Kulzer

Mitsui Chemicals Group

iBOND®



iBOND®

Strong reviews.
Stronger bonds.



Bonding with Confidence

iBOND® Self Etch

Bonding with Confidence



iBOND® Self Etch, the all-in-one bonding adhesive that etches, primes, bonds and desensitizes with just one application. With over 15 scientific studies and Heraeus Kulzer's 25-year commitment to bonding, iBOND Self Etch offers:

- High bond strength
- Less technique sensitivity
- Proven marginal efficacy due to easy evaporation
- Easy, fast and convenient handling
- Patient friendly—minimizes post-op sensitivity
- Scientifically proven in numerous studies worldwide
- **Refrigeration not required**



iBOND® Self Etch— Step-by-step Application



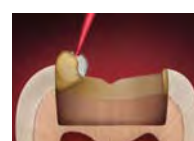
1. Dispense...



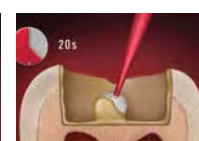
Close immediately.



2. Dip brush...



Apply to enamel,
then dentin...



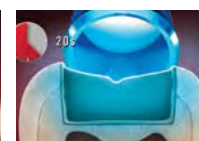
Agitate for 20 seconds.



3. Air dry.



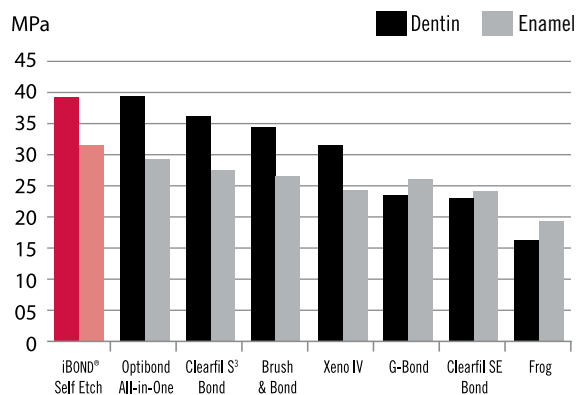
Glossy surface (or
add additional coats).



Light cure for
20 seconds.

iBOND® Self Etch— High initial bond strength

Shear Bond Strength to Enamel and Dentin

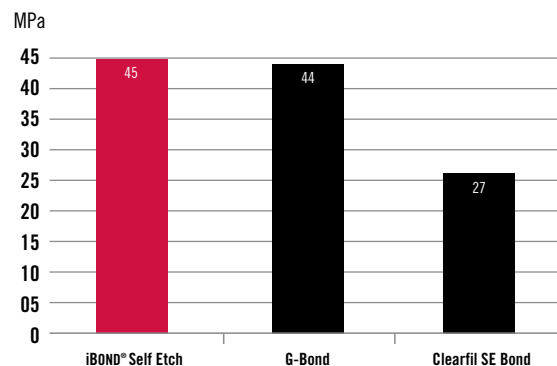


Source: Dr. Marcus Hoffmann Research & Development Heraeus Kulzer GmbH

*Domestic and international studies. Data on file.

iBOND® Self Etch— High bond strength comparable with Total-Etch adhesives

μ-TBS to Dentin in Class I Cavities After 24 hrs Water Storage



Source: R. Frankenberger, University of Erlangen, Germany, 2006
μ-TBS=Micro Tear Bond Strength.

iBOND® Total Etch

Consistent Reliability



iBOND® Total Etch is the Etch & Rinse 2-step bonding adhesive from Heraeus Kulzer. Due to the innovative nano-filler technology, iBOND Total Etch attains high bond strength to both enamel and dentin while ensuring optimal marginal sealing. iBOND Total Etch delivers:

- Clinically proven to provide reliable and consistent bond strength
- Dense adhesive layer and good tag formation: leads to improved marginal sealing
- Only one coat required with no agitation
- Demonstrates reduction in post-op sensitivity
- **Refrigeration not required**

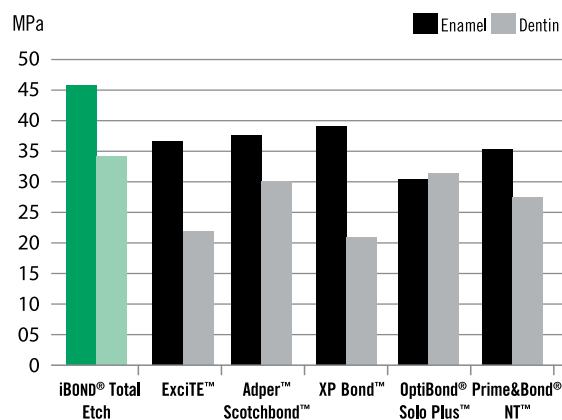


iBOND® Total Etch— Step-by-step Application

- Etch enamel 20 seconds and dentin 15 seconds.** **Rinse with water 20 seconds.** **Air dry.**
- Shake.** **Dispense.** **Close immediately.**
- Dip brush.** **Apply 1x to enamel, then to dentin.** **Let dwell for 15 seconds.**
- Air dry.** **Shiny surface (or apply additional coats).** **Light cure for 20 seconds.**

iBOND® Total Etch— Excellent bond strengths with the Total Etch technique

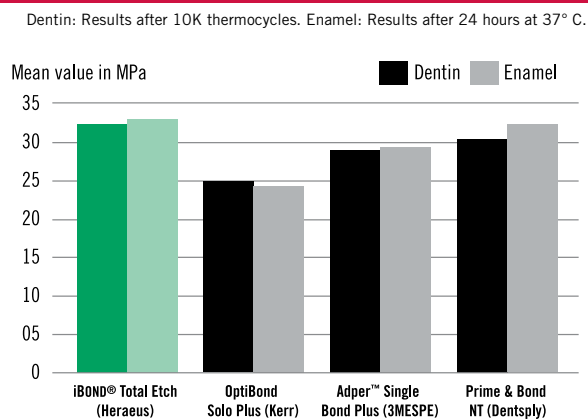
Bond Strength—Competitors' Bonding Materials



Source: Heraeus Kulzer GmbH, R&D Bondings, Wehrheim, Germany. Documentation available.

iBOND® Total Etch— Superior bond strength as compared to other Total Etch systems

Shear Bond Strength to Dentin and Enamel



Source: Bond Strength Testing of Total Etch Adhesives on Enamel and Dentin, October, 2009 Prof. Perry, Prof. K. Kugel, Prof. Finkelman, Prof. G. Kugel, Tufts University, Boston, MA, USA. Data on file.

