

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



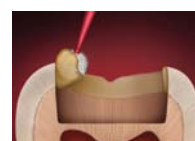
1. Dispense...



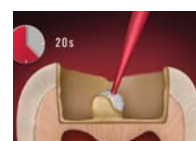
Close immediately.



2. Dip brush...



Apply to enamel,
then dentin...



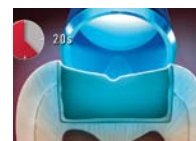
Agitate for 20 seconds.



3. Air dry.



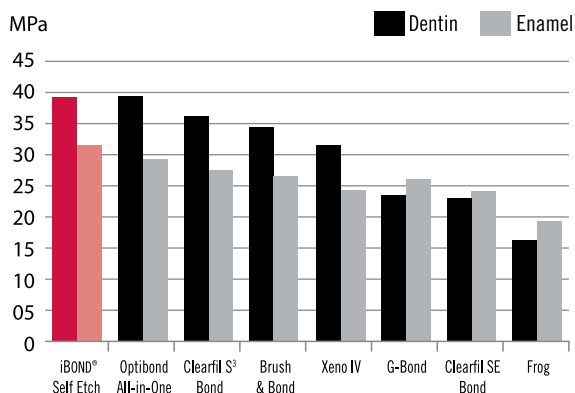
Glossy surface (or
add additional coats).



Light cure for
20 seconds.

iBOND® Self Etch— High initial bond strength

Shear Bond Strength to Enamel and Dentin

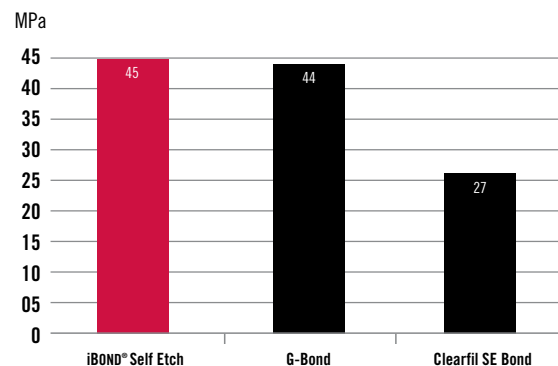


Source: Dr. Marcus Hoffmann Research & Development Heraeus Kulzer GmbH

*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

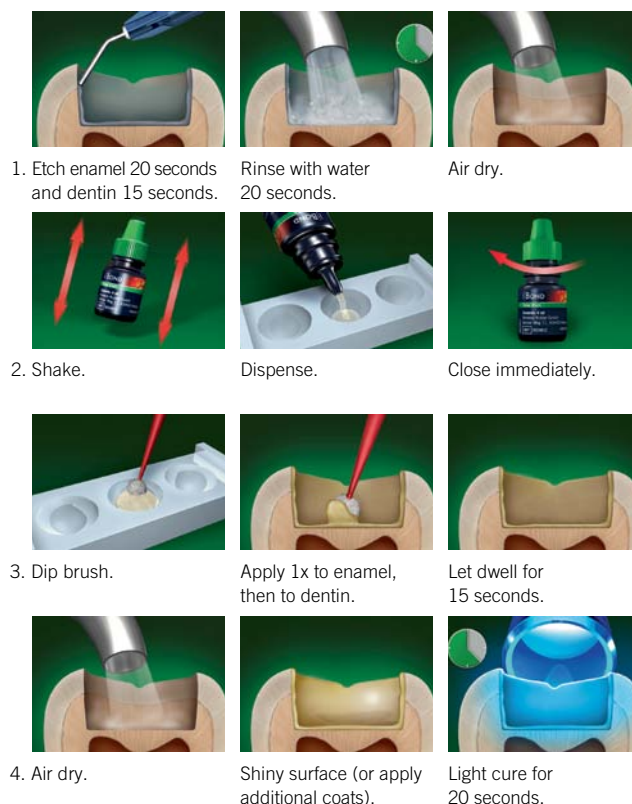


iBOND® Total Etch is the Etch & Rinse 2-step bonding adhesive from Heraeus Kulzer. Due to the innovative nano-filler technology, iBOND Total Etch attains high bond strength to both enamel and dentin while ensuring optimal marginal sealing. iBOND Total Etch delivers:

- 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**

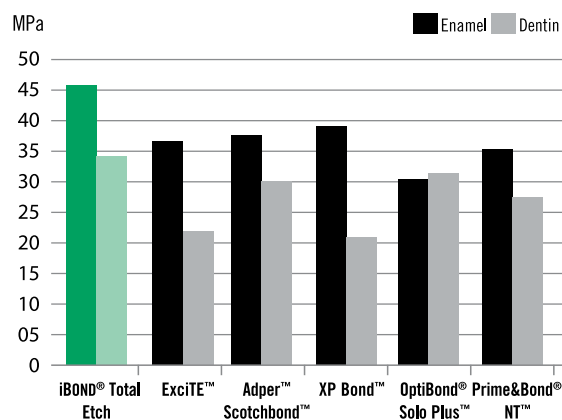


iBOND® Total Etch— Step-by-step Application



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

Bond Strength—Competitors' Bonding Materials

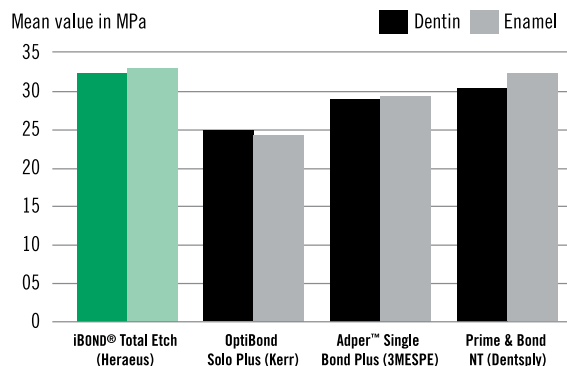


Source: Heraeus Kulzer GmbH, R&D Bondings, Wehrheim, Germany. Documentation available.

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

Shear Bond Strength to Dentin and Enamel

Dentin: Results after 10K thermocycles. Enamel: Results after 24 hours at 37° C.



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.

iBOND®

Proven results and
scientific validation

Heraeus Kulzer

Mitsui Chemicals Group

iBOND® Self Etch—

iBOND® Self Etch was developed based on Heraeus Kulzer's long-term bonding expertise and almost 5 years market experience with self-etching, all-in-one adhesives. iBond Self Etch was tested by different research groups and dentists to prove its high quality and great results.

Proven by more than 15 scientific studies worldwide*

- Prof. Burrow, Prof. Tyas, University of Melbourne, Australia
- Prof. Cerutti, University of Brescia, Italy
- Prof. Degrange, University of Paris, France
- Prof. Dondi d all' Orologio, University of Bologna, Italy
- Prof. Dunn, Loma Linda University, USA
- Prof. Ernst, The Johannes Gutenberg University of Mainz, Germany
- Prof. Finger, University of Cologne, Germany
- Prof. Frankenberger, University of Erlangen-Nuremberg, Germany
- Prof. Haller, University of Ulm, Germany
- Prof. Hannig, University of Homburg, Germany
- Prof. Krejci, University of Geneva, Switzerland
- Prof. Lu, Loma Linda University, USA
- Prof. Söderholm, University of Florida, USA
- Prof. Perry, Prof. K. Kugel, Prof. Finkelman, Prof. G. Kugel, Tufts University, Boston, MA, USA
- Prof. Thompson, The University of Texas Health Science Center at San Antonio, USA
- Prof. Van Meerbeek, University of Leuven, Belgium
- Prof. Uno, University of Tokyo, Japan

Product	Order Number
---------	--------------

• iBOND Self Etch Bottle Refill	66046242
--	-----------------

1 x 4 ml Bottle,
50 Application Tips,
Mixing Well,
IFU and Pictorial Card



• iBOND Self Etch Bottle Value Pack	66046243
--	-----------------

3 x 4 ml Bottles,
IFU and Pictorial Card



• iBOND Self Etch Single Dose Refill	66046244
---	-----------------

50 Single Doses,
50 Application Tips,
IFU and Pictorial Card



• iBOND Self Etch Single Dose Value Pack	66046245
---	-----------------

100 Single Doses,
100 Application Tips,
Pictorial Card



iBOND® Total Etch—

The high reliability and quality of iBond products have been verified by more than 14 research groups worldwide.

In vitro studies:

- **REALITY** Research Lab, Houston, TX, USA
- Prof. Perry, Prof. K. Kugel, Prof. Finkelman, Prof. G. Kugel, Tufts University, Boston, MA, USA
- Prof. Breschi, University of Trieste
- Prof. Haller, University of Ulm, Germany
- Prof. Watson, London, United Kingdom
- Field test conducted in the United Kingdom, Italy, and Germany

Product	Order Number
---------	--------------

• iBOND Total Etch Bottle Refill	66040094
---	-----------------

1 x 4 ml Bottle,
50 Application Tips,
IFU and Pictorial Card



• iBOND Total Etch Bottle Value Pack	66039867
---	-----------------

3 x 4 ml Bottles,
IFU and Pictorial Card



• iBOND Total Etch Single Dose Refill	66040093
--	-----------------

50 Single Doses,
50 Application Tips,
IFU and Pictorial Card



• iBOND Total Etch Single Dose Value Pack	66039870
--	-----------------

100 Single Doses,
100 Application Tips,
IFU and Pictorial Card



• iBOND Total Etch Bottle Assortment	66039866
---	-----------------

1 x 4 ml Bottle, 2 x 2.5 ml iBond Etch
35 Syringes, 50 Application Tips,
Mixing Well, and 25 Cannulas



• iBOND Total Etch Single Dose Assortment	66039869
--	-----------------

50 x 0.15 ml Single Doses,
50 Application Tips,
2 x 2.5 ml iBond Etch 35 Syringes,
and 25 Cannulas



• iBOND Etch 35 Gel	66039862
----------------------------	-----------------

2 x 2.5 ml iBond Etch 35 Syringes,
and 25 Cannulas



• iBOND Etch 35 Fluid	66039868
------------------------------	-----------------

1 x 15 ml Bottle iBond Etch 35 Fluid



*Domestic and international studies. Data on file.

iBOND® is a trademark of Heraeus Kulzer GmbH. All other trademarks are the property of their respective owners.

Heraeus Kulzer, LLC 300 Heraeus Way, South Bend, IN 46614 Phone: (800) 431-1785 Fax: (877) 271-5211 www.heraeusdentalusa.com