



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



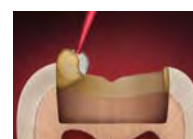
1. Dispense...



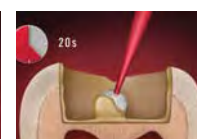
Close immediately.



2. Dip brush...



Apply to enamel,  
then dentin...



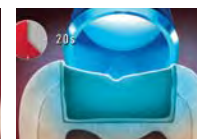
Agitate for 20 seconds.



3. Air dry.



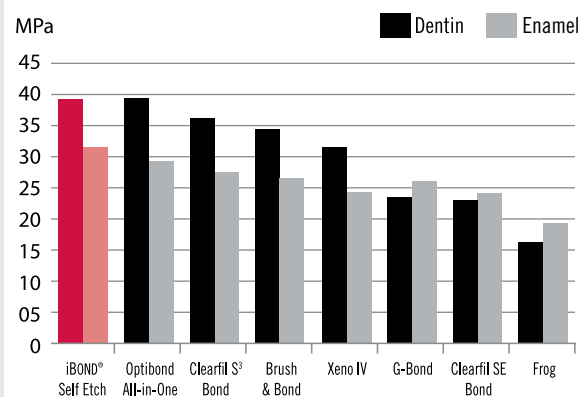
Glossy surface (or  
add additional coats).



Light cure for  
20 seconds.

### iBOND® Self Etch— High initial bond strength

Shear Bond Strength to Enamel and Dentin

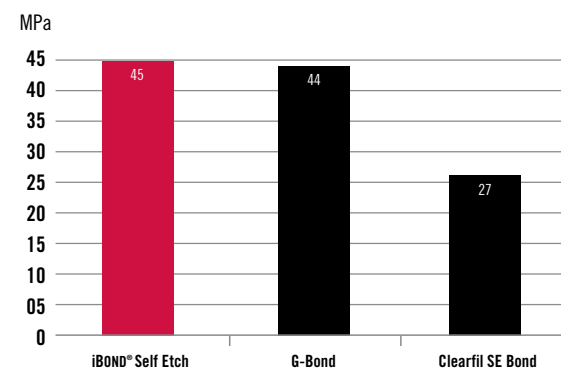


Source: Dr. Marcus Hoffmann Research & Development Heraeus Kulzer GmbH

\*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**

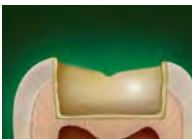



### iBOND® Total Etch— Step-by-step Application

- 



1. Etch enamel 20 seconds and dentin 15 seconds. Rinse with water 20 seconds. Air dry.
- 



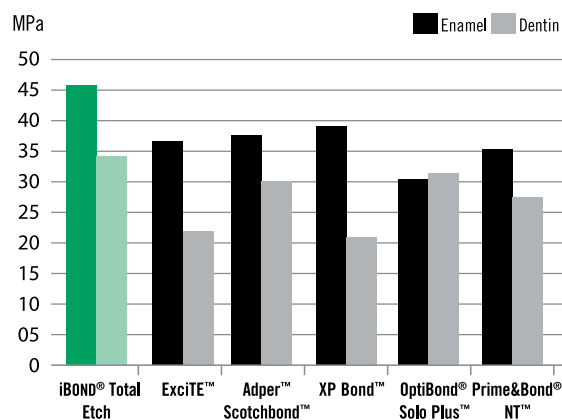
2. Shake. Dispense. Close immediately.
- 



3. Dip brush. Apply 1x to enamel, then to dentin. Let dwell for 15 seconds.
- 



4. Air dry. Shiny surface (or apply additional coats). Light cure for 20 seconds.

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

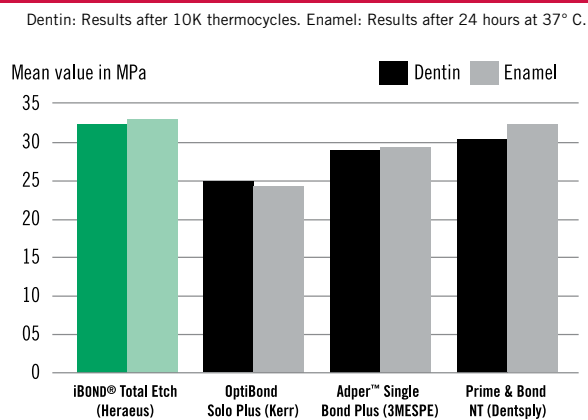
#### Bond Strength—Competitors' Bonding Materials



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.

**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** **SkU Number**

- \* iBOND Self Etch \_\_\_\_\_ (66046242) 8497428**  
**Bottle Refill**  
 1 x 4 ml Bottle,  
 50 Application Tips,  
 Mixing Well,  
 IFU and Pictorial Card


- \* iBOND Self Etch \_\_\_\_\_ (66046243) 8497427**  
**Bottle Value Pack**  
 3 x 4 ml Bottles,  
 IFU and Pictorial Card


- \* iBOND Self Etch \_\_\_\_\_ (66046244) 8497429**  
**Single Dose Refill**  
 50 Single Doses,  
 50 Application Tips,  
 IFU and Pictorial Card


- \* iBOND Self Etch \_\_\_\_\_ (66046245) 8497430**  
**Single Dose Value Pack**  
 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** **SkU Number**


- \* iBOND Total Etch \_\_\_\_\_ (66040094) 8497420**  
**Bottle Refill**  
 1 x 4 ml Bottle,  
 50 Application Tips,  
 IFU and Pictorial Card



- \* iBOND Total Etch \_\_\_\_\_ (66039867) 8497422**  
**Bottle Value Pack**  
 3 x 4 ml Bottles,  
 IFU and Pictorial Card



- \* iBOND Total Etch \_\_\_\_\_ (66040093) 8497424**  
**Single Dose Refill**  
 50 Single Doses,  
 50 Application Tips,  
 IFU and Pictorial Card



- \* iBOND Total Etch \_\_\_\_\_ (66039870) 8497418**  
**Single Dose Value Pack**  
 100 Single Doses,  
 100 Application Tips,  
 IFU and Pictorial Card


- \* iBOND Total Etch \_\_\_\_\_ (\*66039866)**  
**Bottle Assortment**  
 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 \_\_\_\_\_ (\*66039869)**  
**Single Dose Assortment**  
 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) 8497442**  
 2 x 2.5 ml iBond Etch 35 Syringes,  
 and 25 Cannulas


- \* iBOND Etch 35 Fluid \_\_\_\_\_ (66039868) 8497444**  
 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.  
 \*Contact your Account Manager for more information on ordering this product



**To Reorder Call 800.645.2310  
 or Visit darby.com**