



OptiBond™ eXTRa Universal

Two-Component Universal Adhesive



GPDM
Monomer

The Gold Standard in Adhesion.

Kerr's proven OptiBond GPDM Monomer ensures more effective and reliable adhesion than other adhesive monomers to both the tooth structure and the resin material. It contains both acidic phosphate groups to effectively anchor the adhesive to the hydrophilic surface of the tooth and more methacrylate functional groups than other adhesive monomers (i.e. MDP) for a more effective interface with the hydrophobic resin. This creates better compatibility with both substrates and overall higher bond strength.



Ternary Solvent
System

One Technology; It's All You Need.

Kerr's patented formula is enriched with our GPDM Monomer and novel Ternary Solvent System, effectively etching the enamel while promoting the priming and sealing of dentin. Collectively, this results in a more reliable and less sensitive technique.

- **Water** enhances etching power and wetting ability, facilitating penetration of adhesive in dentinal tubules.
- **Acetone** enhances shelf-life stability and increases acidity and etching during application due to its quick evaporation.
- **Ethanol** facilitates the formation of a homogeneous adhesive layer, resulting in a less technique sensitive application.



Smart pH
Technology

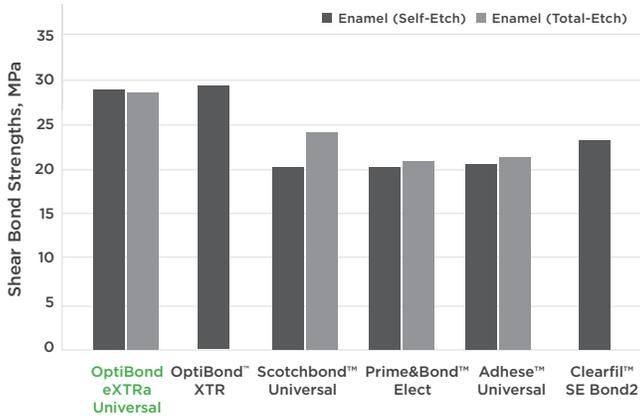
Two Bottles. One Consistent Protocol.

Prior to curing, OptiBond eXTRa Universal features a very low pH for effective enamel etching. After curing, the pH neutralizes, creating outstanding compatibility with virtually all types of cements, composites and core build-up materials and eliminating the need for any auxiliary product.

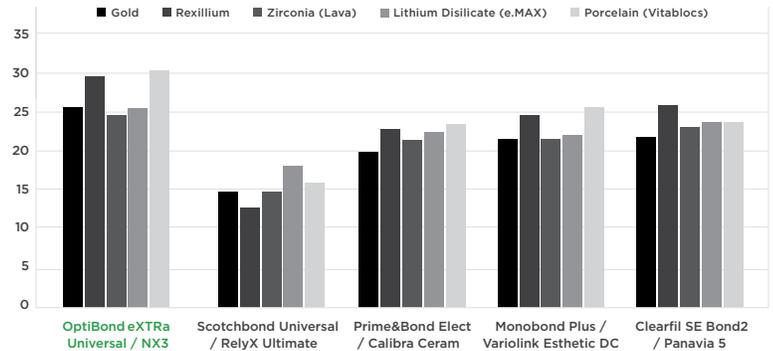
When used together, OptiBond eXTRa Universal and NX3 Nexus™ cement combine the clarity of one standardized process for all indirect procedures, with outstanding results even in total dark cure mode.

Superior Bond Strength as Compared to Competitors

Shear Bond Strengths of Universal Adhesive to Enamel



Indirect Bond Strength to Dentin (Bond Compatibility with Different Substrates)



- Based on the proven OptiBond technology of its predecessor Kerr OptiBond XTR, Kerr OptiBond eXTRa Universal yields outstanding results ensuring superior bond strength compared to leading competitors* on both dentin and enamel, offering a consistent outcome under different etching techniques and substrates. Kerr R&D data. OptiBond XTR and Clearfil SE Bond 2 are indicated for Self-Etch mode only.



Innovative brush box design to avoid product cross contamination for a safe procedure at any application.

Ordering Information

- 36658** OptiBond eXTRa Universal Bottle Kit (10ml)
- 36659** OptiBond eXTRa Universal Unidose Kit (100 Pack)
- 36660** OptiBond eXTRa Universal Bottle Refill - Primer (5ml)
- 36661** OptiBond eXTRa Universal Bottle Refill - Adhesive (5ml)
- 24680** Applicators (50 Applicators x 4 Boxes)

*Compared to Scotchbond Universal, Prime&Bond Elect, Adhese Universal, Clearfil SE Protect, Clearfil Universal Bond Quick, Futurabond U to dentin and enamel on Self-Etch and Total Etch mode; Compared to Clearfil SE Bond 2 to dentin and enamel on Self-Etch mode. Samples were prepared per individual manufacturer's instruction for use.

1. "Dentin Bond Strength of 5th Generation Adhesives". H. Lu et al, IADR 2008, Toronto, Canada, July, 2008, Presentation #401. ©2017 Kerr Corporation. Refer to the Instructions for Use for additional information. All trademarks and registered trademarks are properties of their respective owners.

2. Study conducted by Kerr R&D.