

The simple solution you can trust



OptiBond™ Universal

Single-Component Universal Adhesive

**ONE STEP. ONE BRAND.
ANY PROCEDURE.**

OptiBond™ Universal is here. The one bottle bonding agent combines the reliability of patented OptiBond GPDM technology with the ease of use of a universal solution. Reliable bond strength to all surfaces and substrates, in any etching technique.

Efficacy and flexibility coming together at last.

OptiBond™ Universal

Single-Component Universal Adhesive

SIMPLICITY WITH NO COMPROMISE.

OptiBond Universal has been designed to simplify practices everywhere while reliably supporting dentists in their pursuit of quality results.

The single bottle formula stems from a history of OptiBond clinical success, guaranteeing great strength, protection against microleakages and complete versatility.



PROVEN STRENGTH.

The proprietary technology, combining OptiBond GPDM monomer and the innovative Kerr Ternary Solvent System, affords reliable bonding performance on both enamel and dentine.



PROTECTION AGAINST POST-OPERATIVE SENSITIVITY.

The deep dentinal tubules penetration granted by the hydrophilic properties of OptiBond Universal protects the tooth against microleakages and improves post-operative sensitivity protection.



COMPLETE VERSATILITY.

OptiBond Universal offers the possibility to rely on a proven formula that is effective with different substrates and techniques, from total etch to self-etch and selective etch.



ONE BOTTLE. ONE COAT.

The beauty of OptiBond Universal lies in its simplicity. The advanced formula combines primer, adhesive and etchant in just one bottle, and is effective with as little as one coat.



DEEP FAMILY TIES.

With over 20 years of proven clinical success, the OptiBond name has come to represent Gold Standard adhesion, trustworthy performances and customer-oriented solutions.

ONE TECHNOLOGY, IT'S ALL YOU NEED.

The Kerr patented formula is enriched with our GPDM monomer and innovative Ternary Solvent System, effectively etching the enamel while promoting the priming and sealing of dentine. Collectively, this results in a more reliable and less sensitive technique.



GPDM
Monomer

THE GOLD STANDARD IN ADHESION.

The 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 an acidic phosphate group 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 an overall higher bond strength.



Ternary Solvent
System

THREE SOLVENTS IN ONE

To add reliability and reduce technique sensitivity, the OptiBond Universal formula is also enriched with the Kerr Proprietary Ternary Solvent System:

- **WATER** enhances etching power and wetting ability, facilitating penetration of adhesive into 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.

PERFORMANCE BACKED BY EVIDENCE.

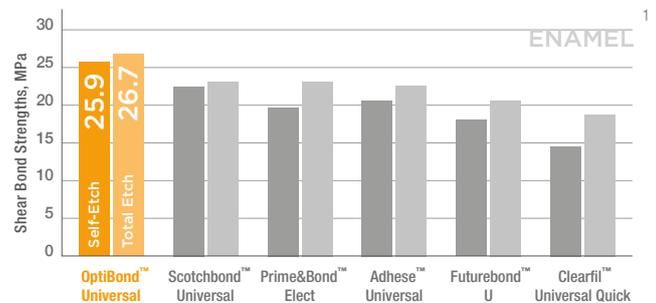
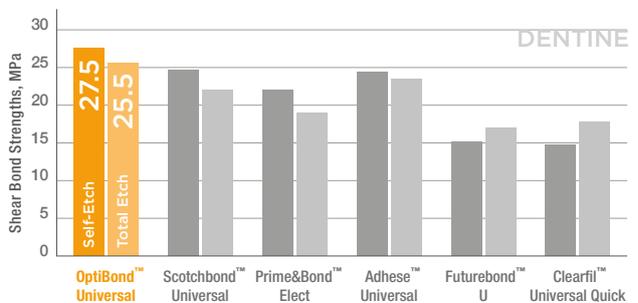
Reconstructing the tooth structure involves substrates with different peculiarities and challenges. OptiBond Universal manages these complexities through sound clinical performances.

The solution demonstrates higher levels of strength to various substrates, and greater effectiveness at penetrating dentinal tubules and etching the enamel.



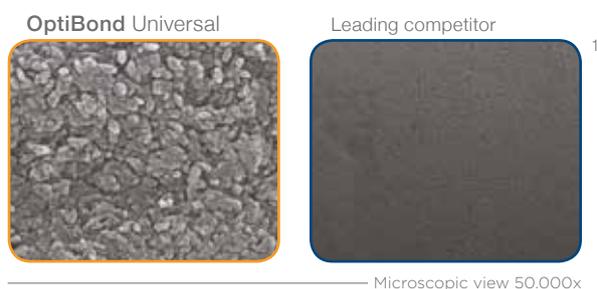
BOND STRENGTH TO ENAMEL AND DENTINE

OptiBond Universal yields effective bond strength on both dentine and enamel. It creates maximum flexibility by demonstrating great results under different etching techniques.



ETCHING OF UNCUT ENAMEL

The unique nanoetching capability creates a deeper etched surface for higher mechanical retention.

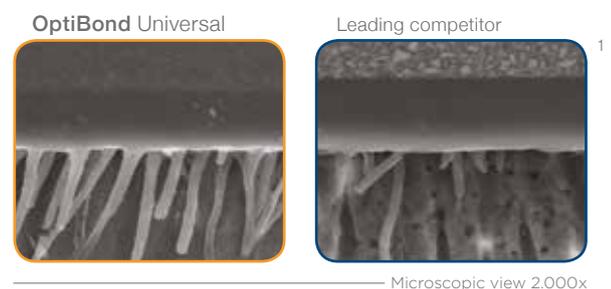


Microscopic view 50.000x



PENETRATION INTO DENTINAL TUBULES

The deep dentinal tubules penetration improves post-operative sensitivity protection and promotes bond strength.

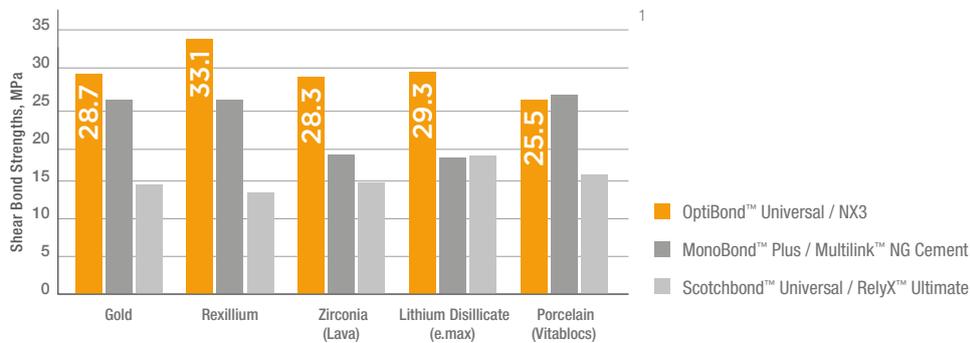


Microscopic view 2.000x



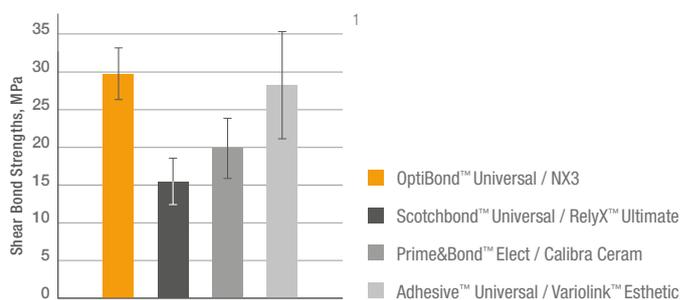
BOND STRENGTH TO VARIOUS DENTAL SUBSTRATES

The combination of OptiBond Universal and NX3 universal adhesive cement facilitates high levels of indirect bond strength to various dental substrates, without the need for a separate ceramic or metal primer.



BOND STRENGTH WITH CEMENT

Using OptiBond Universal and NX3 cement together enhances bond compatibility and promotes high levels of indirect bond strength to dentine.



STAY TUNED

Versatile products, versatile communication. There are many ways to keep in touch with Kerr Dental and learn about our latest news and developments.



Connect with us

Via our social media channels



Receive updates

By signing up to our newsletter



Talk to us

Through our local representatives



Discover what's new

By visiting our website



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Try OptiBond Universal for free.
www.kerrdental.com/simply-universal



OptiBond Universal - Kits

REF/Part No.	Description
36517	OptiBond Universal – Bottle Kit – 5ml
36518	OptiBond Universal – Unidose Kit – 100pcs

OptiBond Universal - Refills

REF/Part No.	Description
36519	OptiBond Universal – 5ml Bottle Refill
31297	Gel Etchant – 3g Syringe Refills - 3 pcs
26909	Gel Etchant – Dispensing Tips