

3M Science.
Applied to Life.™

**Total versatility.
Uncompromising performance.**



**3M™ Scotchbond™
Universal Adhesive**



You have enough decisions to make. Make this one with confidence.

Simplifying the bonding step is no easy task. That's why 3M developed one adhesive you can trust and use with confidence on any dental surface, with any etching technique, in both direct and indirect applications ... and we proved it.

3M™ Scotchbond™ Universal Adhesive is a single-bottle solution that offers a simple one-step, one-coat, 35-second application—without compromising strength. Years of clinical evaluations have stacked the evidence. It can be used in all etching techniques, including total-etch, self-etch and selective-etch; in both direct and indirect applications; and on all dental surfaces, without any extra primer—taking versatility to a whole new level.



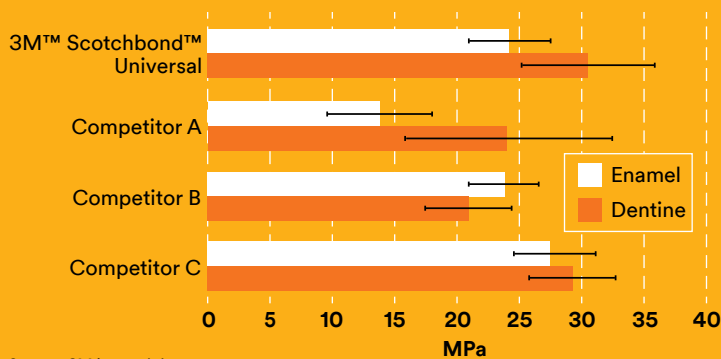
**Quick
35-second
application time**



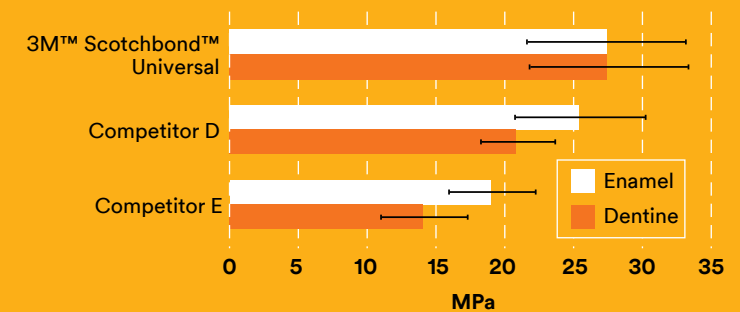
Use your preferred technique without compromising high, reliable and durable bonds.



Self-Etch Bond Strength— 3M™ Scotchbond™ Universal Adhesive vs. Competition



Total-Etch Bond Strength— 3M™ Scotchbond™ Universal Adhesive vs. Competition

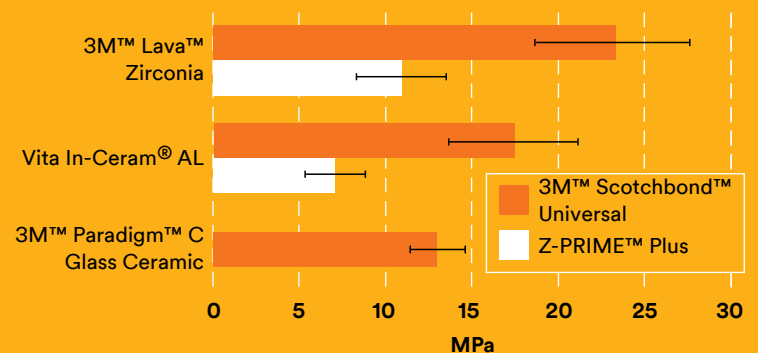


Bond to any surface.

Scotchbond Universal adhesive bonds to all surfaces, including enamel, dentine, glass ceramic, zirconia, noble and non-precious alloys and composites—without additional primer. In combination with 3M™ Scotchbond™ Universal DCA Dual Cure Activator, Scotchbond Universal adhesive is compatible with all resin cements, core build-up materials and even self-cure composites!

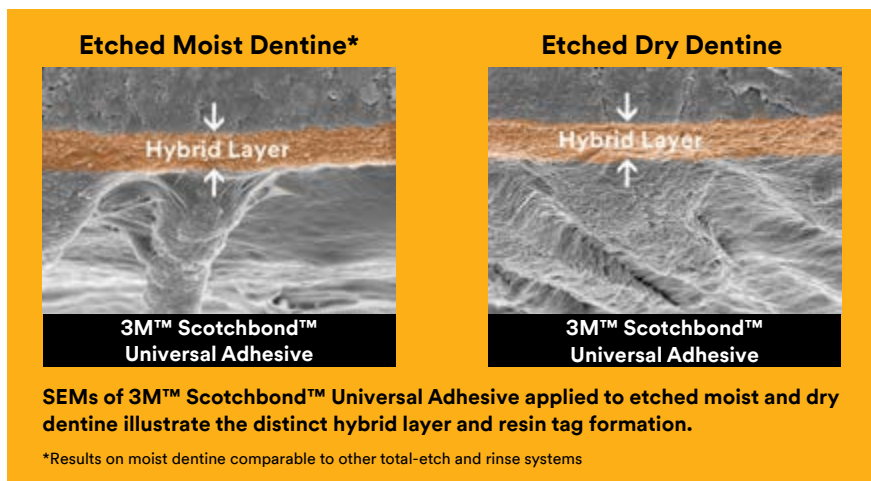


Shear Bond Strength to Indirect Substrates After 10,000 Thermocycles

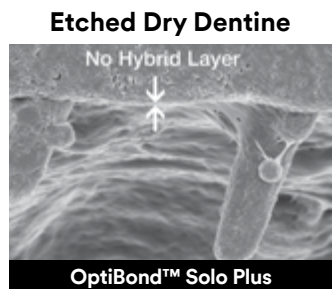


Bond confidently to moist or dry dentine—with virtually no post-operative sensitivity.

The unique chemistry of 3M™ Scotchbond™ Universal Adhesive optimises the ratios of the 3M proprietary 3M™ Vitrebond™ copolymer, HEMA and water. This allows for rehydration of the collagen network and formation of a distinct hybrid layer whether dentine is kept moist or dry. The result is reduced technique sensitivity, consistent bonding and virtually no post-op sensitivity in both self-etch and total-etch applications.



In contrast, typical total-etch (etch and rinse) systems require the dentine surface to be kept moist after etching to maintain the collagen network, resulting in a lack of hybrid layer formation and reduced bond strength that can lead to patient sensitivity.



SEM of a typical two-step etch and rinse system when applied on dry etched dentine. Note the lack of an evident hybrid layer.

SEM Images Courtesy of Dr. Jorge Perdigao, University of Minnesota

After a 36-month randomised double-blind clinical trial evaluating 172 restorations in 35 patients, Scotchbond Universal adhesive fulfilled the ADA criteria for approval for all etching techniques.**

** Loguerico, A. D., de Paula, E. A., Hass, V., Luque-Martinez, I., Reis, A., Perdigao, J. (2015). A new universal simplified adhesive: 36-Month randomised double-blind clinical trial. *Journal of Dentistry*, 43, 1083–1092. ADA refers to American Dental Association.

The science behind total versatility.

3M™ Vitrebond™ copolymer

Exclusively from 3M. Reduces the adverse effects of moisture, allowing bonding to moist or dry dentine in the total-etch technique.

Silane

Allows the adhesive to chemically bond to glass ceramic surfaces without using a separate ceramic primer.

MDP monomer

Optimises self-etch performance. Provides chemical bonding to oxide ceramics (zirconia, alumina and metals) without a separate primer. Increases shelf stability so that no refrigeration is needed.

Virtually no post-operative sensitivity in total-etch or self-etch applications.

0.4%

Percent of total-etch restorations with 3M™ Scotchbond™ Universal Adhesive having post-op sensitivity.

Total number of total-etch restorations: **3,467**

0.06%

Percent of self-etch restorations with 3M™ Scotchbond™ Universal Adhesive having post-op sensitivity.

Total number of self-etch restorations: **3,495**

Source: 3M internal data



3M™ Scotchbond™ Universal Adhesive performs across a range of variables, giving you true versatility.

Direct Placement Indications:

- Bonding light cured composite or compomer for all classes of direct restorations
- Root surface desensitisation
- Sealing of dentine prior to amalgam restorations
- Protective varnish for glass ionomer restorative materials
- Repair of composite or compomer restorations
- Bonding sealants

Indirect Placement Indications:

- Bonding veneers with 3M™ RelyX™ Veneer Cement
- Adhesive/primer for chemical adhesion when bonding zirconia, alumina, metal or glass ceramic restorations
- Intraoral repair of existing indirect restorations
- Bonding self- or dual-cure core build-up materials and resin cements (with 3M™ Scotchbond™ Universal DCA Dual Cure Activator)
- Sealing of dentine prior to temporisation for indirect restoration placement

Refer to Instructions for Use for full list of indications

- One-step, one-coat adhesive application
- Combined total-etch, self-etch and selective-etch adhesive
- Consistent bond strength to both moist and dry etched dentine
- Virtually no post-op sensitivity
- High bond strength to all indirect surfaces (zirconia, alumina, glass ceramics and metals) without a separate primer
- Excellent marginal integrity for highly aesthetic restorations
- Self- and dual-cure compatible (with 3M™ Scotchbond™ Universal DCA Dual Cure Activator)
- No refrigeration needed; store at room temperature for two years
- Bonds indirect restorations with 3M™ RelyX™ Ultimate Adhesive Resin Cement— without the need to light cure the adhesive
- Flip-top vial and unit dose delivery



Ordering Information



Item #	Product Information
41254	3M™ Scotchbond™ Universal Adhesive Intro Kit—Vial Includes: 1 – 5ml adhesive vial; 50 disposable mixing wells; 50 disposable microbrushes; 1 – 3ml etchant syringe; 25 dispensing tips
41258	3M™ Scotchbond™ Universal Adhesive Refill Includes: 1 – 5ml adhesive vial
41255	3M™ Scotchbond™ Universal Adhesive Intro Kit—Unit Dose 40 Includes: 40 unit dose; 1 – 3ml etchant syringe
41256	3M™ Scotchbond™ Universal Adhesive Unit Dose 100 Includes: 100 unit dose; 1 – 3ml etchant syringe
41264	3M™ Scotchbond™ Universal DCA Dual Cure Activator Includes: 1 – 5ml vial
41263	3M™ Scotchbond™ Universal Etchant Etching Gel Includes: 2 – 3ml syringes; 50 dispensing tips

www.3M.com.au/scotchbond

www.3M.co.nz/scotchbond



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