

Transbond™ Plus Self Etching Primer



Etching and
Priming in one
Simple Step

3M Unitek

Transbond™ Plus Self Etching Primer – The All-In-One Bonding Solution

Now celebrating over a decade of proven global performance in the orthodontic field.

Orthodontic professionals everywhere have discovered the advantages of using Transbond™ Plus Self Etching Primer from 3M Unitek. Our one-step primer features a unique chemistry and exclusive delivery system that allows you to etch, prime and bond appliances to enamel in one simple and cost-effective step.¹

Transbond Plus Self Etching Primer combines etchant and primer in a three-well, single-patient use foil pack, eliminating the time-consuming process that requires separate etchant, primer and applicator brushes and providing a consistent delivery of the highest quality primer. With this advanced delivery system, Transbond Plus Self Etching Primer lets you say goodbye to the evaporation and contamination sometimes encountered with bottled primers.

A perfect complement to our APC™ Adhesive Coated Appliance System and Transbond™ Light Cure Adhesive Systems, Transbond Plus Self Etching Primer:

- Eliminates many of the costly variables and errors normally associated with the bonding process
- Delivers fast results
- Provides good bond strength with immediate archwire engagement
- Maintains a proven strength so that you bond only once

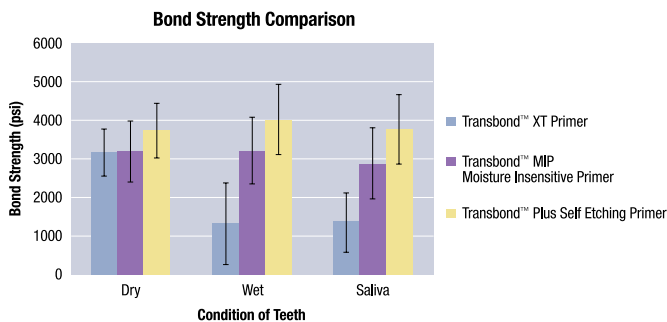
Generating Confidence through Excellent Moisture Resistance

Moisture contamination at any stage of the bonding process can compromise bond strength and result in loose brackets.

Transbond Plus Self Etching Primer is made of a hydrophilic material that performs equally well in moist or dry environments. The bond strength is similar whether the product is applied to dry or moist teeth.

Transbond Plus Self Etching Primer brings to the orthodontic office:

- An easy one-step system that creates an expanded placement window, giving you additional time for more precise positioning
- A shorter treatment window that saves you valuable time and builds greater productivity for your practice²
- An easy mixing and application process with the Transbond™ Easy Roller that holds the foil pack and pushes the liquid contents outward
- Added patient comfort because of the elimination of the etchant rinsing process



Unitek™ Miniature Twin metal brackets used for bond strength comparison.

Transbond™ Plus
Self Etching Primer



Uncompromising Strength. Every Bond. Every Time

While the all-in-one bonding solution is surprisingly simple to use, there is no compromise when it comes to bond strength.^{3,4} In clinical trials and real world use, Transbond™ Plus Self Etching Primer has demonstrated its good bond strength on both dry and moist enamel.^{5,6,7} Good bond strength means less concern about future bond failures and less chair time required by you and your patients.²

Like other conventional primers, Transbond Plus Self Etching Primer forms a microretentive bond with the treated enamel surface. That, however, is where the similarities end. Because unlike other adhesive systems, it performs both etching and penetration of monomers into the demineralized enamel, in one easy step, resulting in less enamel loss when compared to traditional etching.⁸

Single-patient use foil pack assures delivery of consistent, high quality adhesive material – every time you use it.

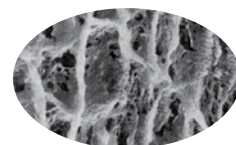


Simplicity by Design

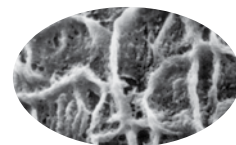
The depth of penetration for both monomer and etchant are the same. This is possible because of the complete hybrid layer created by Transbond Plus Self Etching Primer. The same monomers that produce etching are responsible for bonding, so the depth of penetration of the monomers to be polymerized matches precisely the depth of demineralization.

Generating Well-Defined Etch Patterns

Transbond Plus Self Etching Primer is the adhesive solution that combines etching and priming in one easy step, with less enamel loss compared to traditional etching.⁸ Its low pH chemistry creates a well-defined etch pattern comparable to that produced when using 37% phosphoric acid. A burst of air makes the material more viscous, stalling the etching process until the resin is light cured.



Results of enamel etching with Transbond™ Plus Self Etching Primer.



Results of enamel etching with 37% phosphoric acid.

Well-defined etch patterns are just one more reason to stick with the premier one-step solution: Transbond Plus Self Etching Primer.

Find out today how Transbond Plus Self Etching Primer can help your practice generate greater productivity.

The Transbond™ Plus Self Etching Primer Easy Roller helps activate and hold in place the Transbond Plus Primer, for added convenience.



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2 Aljubouri, Y.D., Millett, D.T., and Gilmour, W.H. "Six and 12 months' evaluation of a self-etching primer versus two-stage etch and prime for orthodontic bonding: a randomized clinical trial." *European Journal of Orthodontics* 2004: Vol. 26, No. 6, p. 555-571.

3 Dominguez-Rodriguez, G.C., de Carvalho, P.A.L., Horliana, R.F., Bomfim, R.A., and Vigorito, J.W. "In Vitro" Evaluation of the Shear Bond Strength of Brackets Bonded on Teeth Conditioned With a Novel Plus Self Etching Primer." *Orthodontia* April, May, June 2002: p. 28-33.

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5 Cacciafesta, V., Sfondrini, M.F., De Angelis, M., Scribante, A., and Klersy, C. "Effect of water and saliva contamination on shear bond strength of brackets bonded with conventional, hydrophilic, and self-etching primers." *American Journal of Orthodontics & Dentofacial Orthopedics* 2003: Vol. 123, No. 6, p. 633-639.

6 Asgari, S., Salas, A., English, J., and Powers, J. "Clinical Evaluation of Bond Failure Rates with a new Self-Etching Primer." *Journal of Clinical Orthodontics* 2002: Vol. 36, No. 12.

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Transbond™ Plus Self Etching Primer Ordering Information



Transbond™ Plus Self Etching Primer

100 Unit Box

REF 712-090

Transbond Plus Self Etching Primer

20 Unit Box

REF 712-091



Primer Brushes

100 Unit Box

REF 712-092



Transbond Plus Self Etching Primer Easy Roller

1 Each

REF 712-093

3M

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