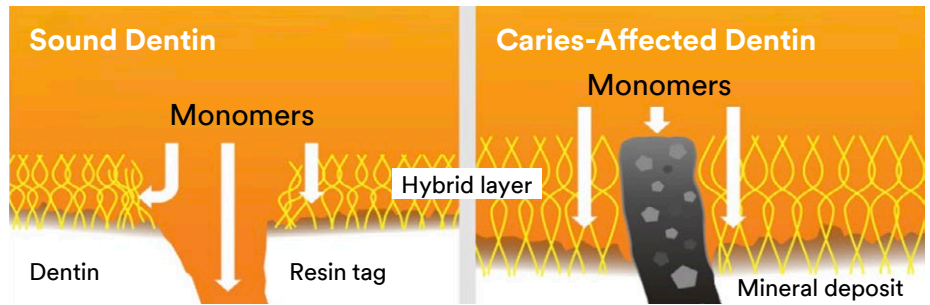




3M™ Scotchbond™ Universal Plus Adhesive

The Challenge with Caries-Affected Dentin

The selective caries removal approach maintains that only infected dentin is removed during tooth preparation, leaving caries-affected dentin in place. Significantly different from sound dentin, caries-affected dentin produces lower bond strength and a poor quality of hybrid layer.

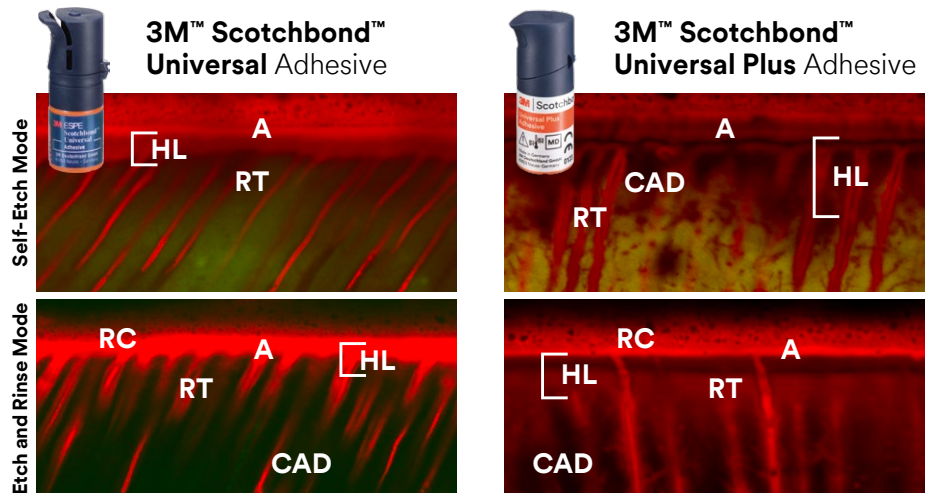


(Adapted from Nakajima M, Kunawarote S, Prasansuttiporn T, Tagami J. Bonding to caries-affected dentin.)
Jap Dent Sci Rev 2011: 47; 102–114.

3M™ Scotchbond™ Universal Plus bonds to caries-affected dentin

3M™ Scotchbond™ Universal Plus Adhesive helps preserve natural tooth structure in minimally invasive dentistry procedures by forming a continuous hybrid layer without voids or gaps on both caries-affected and sound dentin. A well-defined hybrid layer effectively seals caries-affected dentin areas.

Whether in self-etch or etch and rinse mode, 3M™ Scotchbond™ Universal Plus Adhesive forms a robust hybrid layer on caries-affected dentin.

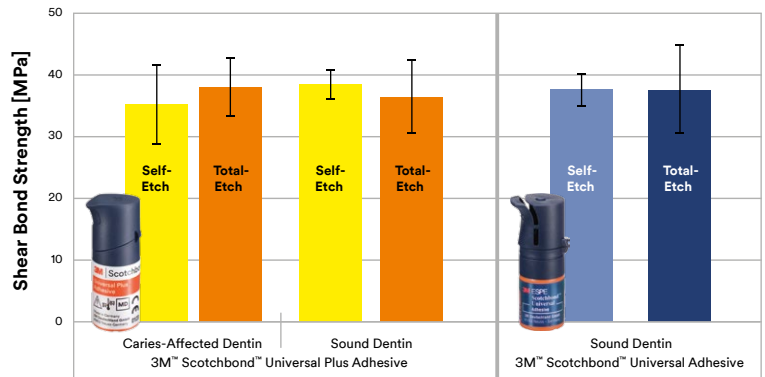


A = Adhesive; CAD = Caries-Affected Dentin; HL = Hybrid Layer; RC = Resin Composite; RT = Resin Tags
Images courtesy of Dr. Mario De Goes and Dra. Carolina Garfias

3M™ Scotchbond™ Universal Plus Adhesive: A robust bond to caries-affected dentin

In both etching modes, 3M™ Scotchbond™ Universal Plus Adhesive achieved similar shear bond strength to caries-affected dentin and sound dentin as the control 3M™ Scotchbond™ Universal Adhesive. This high bond strength makes it well suited for minimally invasive dentistry procedures.

Interaction of an experimental universal adhesive with caries-affected dentin, C. Thalacker, H. Loll, B. Anich, K. Dede, J. Madden, A.S. Abuelyaman, B. Craig, *J Dent Res* 2020; 99 (Spec iss A), No.191



Ordering Information

Item no. Product information

3M™ Scotchbond™ Universal Plus Adhesive – Vial

41293	Intro Kit Vial 1 Vial 5ml, 50 Disposable Brushes, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41294	Refill Vial – 1 × 5ml
41295	Refill Vial – 3 × 5ml
41263	3M™ Scotchbond™ Universal Etchant Etching Gel 2 Syringes x 3ml, 50 Dispensing Tips

3M™ Scotchbond™ Universal Plus Adhesive – Unit Dose

41297	Intro Kit Unit Dose 50 L-Pop, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41298	Unit Dose 100 100 L-Pop, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41299	Unit Dose 200 200 L-Pop, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41304	Unit Dose 400 400 L-Pop, 1 Etchant Syringe 3ml, 25 Dispensing Tips



Vial
with over 200 applications



Unit Dose
for efficient hygiene management –
reduces the risk of cross
contamination

Warranty

3M warrants this product will be free from defects in material and manufacture at the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and 3M's sole obligation shall be repair or replacement of the 3M product.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.



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