

Back your adhesive decision with 5 years of clinical proof.

3M™ Single Bond Universal Adhesive

There's nothing like clinical proof to provide you with confidence when choosing dental products. The clinical evaluation summarized here documents the performance of 3M™ Single Bond Universal Adhesive over a 5-year period. The study evaluated a number of variables that are important to dentists when choosing a dental adhesive.

The results show that Single Bond Universal Adhesive is a truly versatile adhesive that can be used at a high level clinically, regardless of technique—allowing dentists to simplify the bonding procedure without compromise.





Performance compared to a trusted favorite

Class V restorations in self-etch and total-etch modes—5-year recall

Non-carious Cervical Lesion NCCL Study, 60 months, 137 restorations, 37 patients
Principal investigator: Nathaniel Lawson, DMD, PhD, with A. A. Robles, Chin-Chuan Fu, Daniel Givan, John Burgess, University of Alabama at Birmingham School of Dentistry, 2018 AADR #1491.

% Alpha Rating: Modified Cvar and Ryge Criteria

	 3M™ Single Bond Universal (Total-Etch)	3M™ Single Bond Universal (Self-Etch)	 3M™ Adper™ Scotchbond™ Multi-Purpose (Total-Etch)
Retention	96	87	74
Marginal discoloration	82	60	65
Marginal integrity	77	50	65
Secondary caries	100	100	100

Conclusion:

After 5 years, Single Bond Universal Adhesive, in self- and total-etch modes, performed similar to or better than Adper Scotchbond Multi-Purpose Adhesive—a total-etch, two-bottle system.

5-Year clinical case study compares two trusted adhesives

Photo documentation of the clinical situation with 3M™ Single Bond Universal Adhesive and 3M™ Adper™ Scotchbond™ Multi-Purpose Adhesive at 6 months, 1 year and 5 years

Photos courtesy of John O. Burgess, DDS, MS

6-month recall



1-year recall



5-year recall



Three restorations were placed with this patient using two separate adhesives, and both a total-etch and self-etch technique. The restorations were evaluated at 6 months, 1 year and 5 years. Digital images taken at each recall appointment show the restorations as having a similar appearance, indicating similar performance when it comes to retention, marginal integrity and marginal discoloration.

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