A visibly different self-etch adhesive that inspires confidence.

Because more and more dentists are choosing self-etch adhesives for a simpler procedure and reduced risk of post-operative sensitivity, the scientists at 3M ESPE looked at ways to take your confidence in self-etch to a whole new level. They’ve succeeded with Adper™ Scotchbond™ SE Self-Etch Adhesive. This two-bottle, high-performance self-etch system offers total-etch performance, and introduces confidence-inspiring features you won’t find with other self-etch adhesives.

The self-etch with total-etch performance

If any single technology has made 3M a household name, it’s adhesives.

3M uses its adhesive technology in approximately 40% of its 55,000 products—from Post-it® Notes and Scotch® Tapes—to Scotch-Weld® Structural Adhesives. The scientists of 3M ESPE have been using this and other technology platforms to respond to the unique needs of the dental industry. Our R&D is tightly focused on groundbreaking ideas that meet customer wants and needs. Continued innovation of adhesives and delivery systems under such well-known brand names as Adper™ Scotchbond™, Adper™ Single Bond and now Adper™ Scotchbond™ SE keep 3M ESPE at the top of its industry.

Adper™ Scotchbond™ SE Self-Etch Adhesive

For more information please contact your local 3M ESPE Sales Representative, or call Customer Service. Products are available for purchase through Authorised 3M ESPE Distributors.

Customer Service: 1300 363 454 or visit www.3mespe.com
Assurance

Proven bond strength: be confident of adhesive performance.

Adper ScotchBond SE adhesive demonstrates bond strengths that are compatible with wet and dry adhesives. The patented, bonded nanofiller that gives Adper ScotchBond SE adhesive (visibly better), also helps optimize bond strength.

Be confident of high marginal integrity.

A study performed on Class V restorations by Dr. B. Halley, University of Ulm, measured marginal integrity of continuous margins after thermocycling in very high for Adper ScotchBond SE adhesive — 99.9% on enamel and 98.4% on dentine — indicating high marginal integrity.

Reduced post-operative sensitivity: be confident of patient comfort.

Unlike total-etch systems, with Adper ScotchBond SE Self-etch Adhesive the etching and subsequent penetration of resin monomers into the demineralized dentine and enamel is carried out without a separate etch and rinse step. A major benefit of this procedure for dentine bonding is that the etching depth and the depth of penetration of the adhesive are identical. In addition, this keeps the collagen fibers from collapsing — and subsequently decreases dependence on “moist” bonding which is characteristic of the 5th generation “self-bond” systems. This is important because technique sensitivity associated with bonding systems requiring a “moist” bonding technique may be associated with post-operative sensitivity.

Be confident of low nanoleakage.

When bonding to dentine with Adper ScotchBond SE adhesive, the etch and adhesive penetration occur simultaneously and at the same depth, forming a hybrid layer. Nanoleakage, resulting from an insufficient penetration depth of the adhesive, is significantly impacted by this mechanism.

Radiopacity: be confident in your future diagnosis.

In the case of adhesive pooling, it can be difficult to distinguish between cured adhesive film and secondary decay on a radiograph. But Adper ScotchBond SE adhesive contains a unique, modified, bonded nanofiller that provides radiopacity to reduce the chance of misdiagnosis of secondary caries in the case of adhesive pooling. In addition, the bonded nanofiller exerts a bond strength.

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