



35% PHOSPHORIC ACID

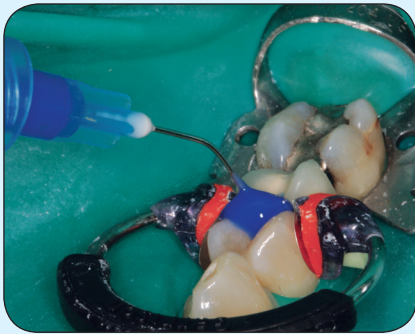
The First Step To Achieving Predictable Bonds



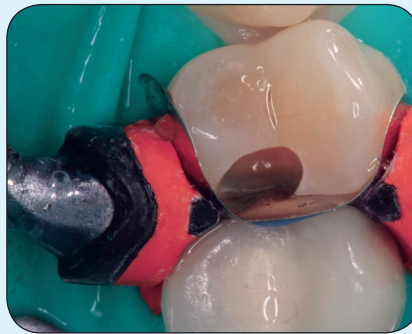
MAX ETCH has a 35% concentration of phosphoric acid, which represents the gold standard in achieving a consistent, micro-mechanically retentive enamel and dentin surface for virtually all bonding procedures. Many dentists continue to use 10% H₃PO₄ and in doing so, risk reduced bond strengths along the most important interface, the enamel margin. The flowability and rich blue colour of **MAX ETCH** allows for precise placement, including occlusal grooves, yet it is viscous enough to prevent migration. **MAX ETCH** is also self-limiting in its depth of etch (average depth of 1.9µ with 20 second etch). In addition, **MAX ETCH** rinses quickly leaving behind a clean, etched surface with no residual pigment or filler to affect the adhesive integrity.

MAX ETCH is applied to both dentin and enamel for 20 seconds then rinsed, leaving behind a deep, micro-mechanically retentive surface.

Total-Etch Technique



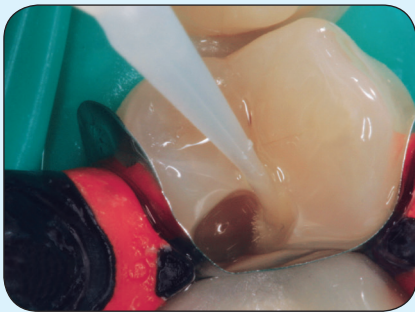
1. After preparation, cleaning and removing caries affected dentin, the preparation is etched for 20 seconds with Max Etch phosphoric acid etchant.



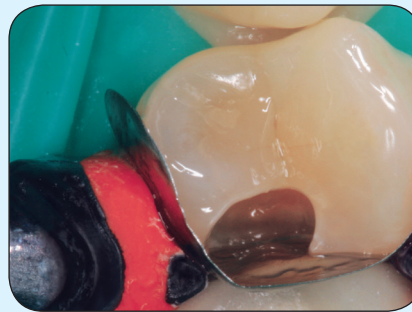
2. Etchant is rinsed for a minimum of 5 seconds, or until visibly clean. A clean, etched surface remains with no residual pigment or filler to affect adhesive integrity.



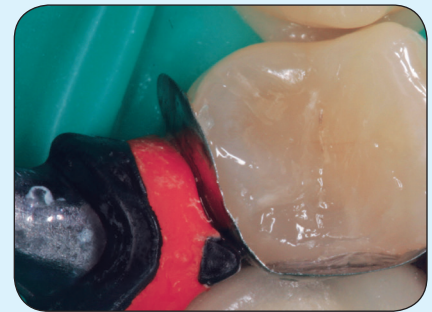
3. Application of G5 All-Purpose Desensitizer. Scrub for 10 seconds, damp blot excess. Surface should remain visibly moist.



4. MPa Max adhesive is applied and brush/scrubbed gently for 10 seconds.



5. Thin/dry for 10 seconds using 1/4 to 1/2 air pressure. Preparation should appear shiny. Avoid pooling.



6. Light-cure for 10 seconds using a standard light with output >600mW (20 seconds if <600mW/cm²). Proceed with composite placement.

Dentistry and photography courtesy of Dr. Robert Margaus

345503 Max Etch 5ml syringe

345302 Max Etch 30ml syringe



1.800.265.3444
clinicalresearchdental.com

Clinical Research Dental