What doctors are saying about Fusio™ Liquid Dentin

"Fusio Liquid Dentin is by far one of the best products available to dentists in the 21st century. After using the material on over a hundred restorations it is now one of those products I can’t practice without!"  
Tony Soileau, DDS  
Lafayette, LA

"I’ve been using Fusio Liquid Dentin as a base under my restorations. Just syringe it, agitate, and cure. It could not be simpler. And when it comes to sealants nothing could be easier. It’s the answer to squirming children."  
Marty Jablow, DMD, FAGD  
Woodbridge, NJ

"Fusio is the first novel dental product in decades. By taking advantage of modern self-etching adhesive technology, this ‘liquid dentin replacement’ eliminates the chance for post-operative sensitivity and cuts posterior composite placement time in half. Simply overlay with Artiste Nano Composite and you have a truly fast, simple and beautiful composite!"  
Jeff T. Blank, DMD, PA  
Fort Mill, SC

Case Study I
Saying Fusio Liquid Dentin is quick and easy to use is an understatement. The following case illustrates the time-saving benefits and outstanding aesthetic results afforded by this new material.

Caries detected on tooth #19

Caries removed. Enamel slightly roughened.

Fusio B1 applied, agitated, contoured with explorer, and light cured.

Final restoration.

Ordering Information

N21SA - Fusio Liquid Dentin A1  
- 2 - 1 ml Syringes, Instructions, Accessories, and MSDS

N21SB - Fusio Liquid Dentin A2  
- 2 - 1 ml Syringes, Instructions, Accessories, and MSDS

N21SC - Fusio Liquid Dentin A3  
- 2 - 1 ml Syringes, Instructions, Accessories, and MSDS

Accessories

N28NT - 50pk 19 Gauge Tips
N28NP - 100pk 19 Gauge Tips

Use Protect-It® Composite Surface Sealant for even better sealing results!

N10 - Protect-It Composite Surface Sealant Kit  
- 1 - 7 ml (7.5 gm) bottle  
- 3 ml (4 gm) syringe  
- 37% Etch gel  
- Instructions, Accessories, and MSDS

Accessories

N28NT - 50pk 19 Gauge Tips
N28NP - 100pk 19 Gauge Tips

For more information on our entire line of innovative dental products visit us at www.pentron.com or call us at 1-800-551-0283

Credit

Photograph courtesy of Jeff T. Blank, DMD, PA.  
Case Study photo courtesy of Tony Soileau, DDS.  
Case Study photo courtesy of Jeff T. Blank, DMD, PA.  
Wcardware photo courtesy of The Dental Advisor.  
Vertical line cross section photo courtesy of John Bergens, D.D.S., M.S.  
Rubber Dam photo courtesy of John Bergens, D.D.S., M.S. and Dave Oden, D.D.S., M.S.  
 Pentron Clinical Technologies, LLC  
All trademarks and property of their respective owners.
Introducing Fusio™ Liquid Dentin... the self-adhering flowable composite that tenaciously bonds to dentin & enamel without acid etching or a bonding agent!

The evolution of composite technology

Fusio™ Liquid Dentin is a 6-META (6-methacryloyloxy ethyl trimellitic acid) based flowable composite featuring nano-sized amorphous silica and glass fillers. Fusio Liquid Dentin’s unique formula is both acidic (low pH value) and hydrophilic. Upon contact with the tooth surface, the negatively charged carboxyl acid groups of the methacrylate monomers bond to the mineral ions in the tooth structure. As the carboxylic acid groups are neutralized and the monomers polymerized they become incorporated into the dentin surface enhancing both dentin bonding and sealing ability.

Case Study II

The self-adhesive technology utilized in Fusio Liquid Dentin opens up a world of new possibilities in dentistry. In the following case, Fusio Liquid Dentin is used to replace dentin in a Class I restoration.

By using Fusio Liquid Dentin together with Artiste® Nano Composite and Bond-1® Primer/Adhesive, you get the best of both worlds – a self-adhesive composite covering and sealing all of the dentin to reduce the potential for sensitivity and total etch chemistry for optimum adhesion to enamel.

Independent validation*

Extensive independent testing has validated the efficacy of Fusio Liquid Dentin for its indicated applications. As the following test results prove, Fusio Liquid Dentin possesses the perfect combination of self-adhesion and physical properties enabling clinicians to restore teeth quickly, easily, and confidently.

The self-adhesive properties of Fusio Liquid Dentin make it an indispensible material in any dental operatory. Below is just a small sample of the many indications for this new product.