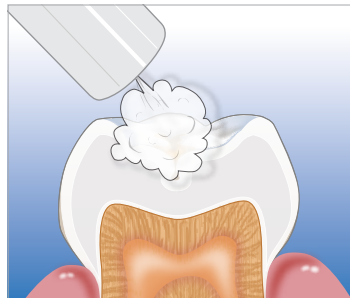




## Four Simple Steps



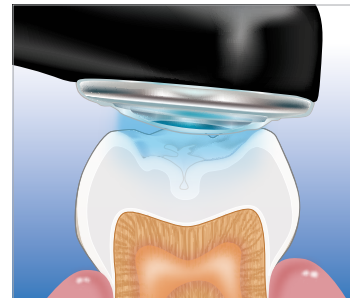
1. Etch and rinse.



2. Lightly air dry the tooth to remove standing/pooled/puddled water. Do not desiccate the tooth.



3. Place UltraSeal XT hydro sealant.



4. Cure for 3 seconds with VALO<sup>®</sup> curing light on Xtra Power mode.



### UltraSeal XT hydro sealant

3532 Opaque White Kit  
3533 Natural Kit

1 x 1.2 ml UltraSeal XT hydro syringe  
1 x 1.2 ml Ultra-Etch syringe  
20 x Blue Micro tips  
20 x Inspiral Brush tips



3534 Opaque White Refill  
3535 Natural Refill

4 x 1.2 ml UltraSeal XT hydro syringes



3536 Opaque White Econo Refill

20 x 1.2 ml UltraSeal XT hydro syringes



35551 UltraSeal XT hydro Black Light Keychain  
1 x Black light keychain



## Features at a glance

- **Hydrophilic chemistry**
- **Advanced adhesive technology**
- **Fluorescent properties**
  - Two shades: Opaque White and Natural
  - Thixotropic/ideal viscosity
  - BPA-free formula
  - Syringe and Inspiral Brush tip delivery
  - Highly filled resin (53%)
  - Fluoride release
  - Radiopaque

# START SEEING

Simplified procedures.  
Visibility at every visit.  
Incredible bond strength.

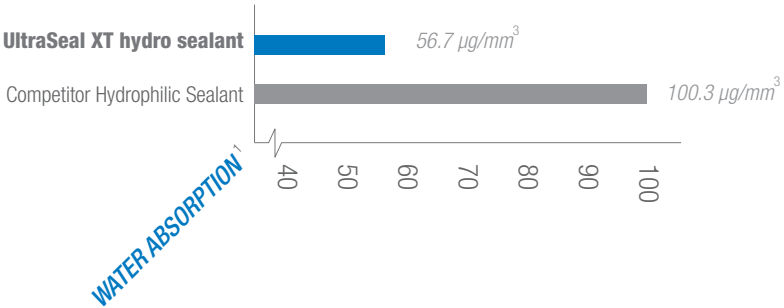


■ Simplified procedures.

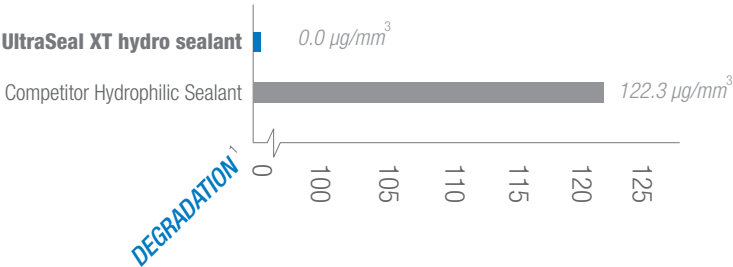
Moisture contamination is one of the most common contributors to sealant retention failure. Replacing a failed sealant is time consuming, frustrating, and costly—for you and for your patients. That’s why we went to work on a sealant that would be more forgiving in moist environments, thereby alleviating the stress and frustration caused by moisture contamination and retention failure. After eight years of research, we developed **UltraSeal XT<sup>®</sup> hydro<sup>™</sup>**, a breakthrough sealant that is moisture friendly but not susceptible to water absorption and degradation like other hydrophilic sealants.

**UltraSeal XT hydro sealant** incorporates the benefits of both hydrophilic and hydrophobic sealants into one unique chemistry. Once the sealant is placed, its hydrophilic nature makes it more forgiving in moist environments. And unlike competitor hydrophilic sealants, it’s tough and durable because it’s resistant to water absorption and degradation, similar to a hydrophobic sealant.

**Balanced water absorption** allows forgiveness in moist environments without degradation.



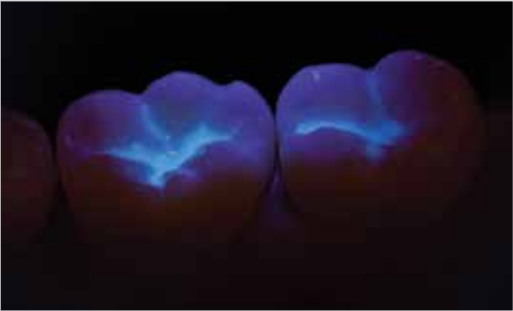
**No degradation** as a result of balanced water absorption.



**UltraSeal XT hydro sealant's** unique hydrophilic chemistry simplifies the sealant procedure without sacrificing the quality you and your patients expect. It eliminates the need to pretreat the tooth with a drying agent, and it removes the worry of having to achieve complete desiccation in the mouth. This means you can give your patients effective, long-lasting treatments even faster.

1. Data on file

■ Visibility at every visit.



After placing a sealant, it is often difficult to check margins and retention. **UltraSeal XT hydro sealant** addresses that difficulty with added fluorescent properties. Fully viewable under a black light, the sealant’s fluorescence allows you to check the integrity of the sealant at the time of placement AND at subsequent visits, so you can literally see the retention.

■ Incredible bond strength.

**UltraSeal XT hydro sealant** is formulated with Ultradent’s proprietary, synthesized resin, which has over 15 years of clinical success in creating high bond strengths in the presence of moisture. This advanced adhesive technology works in conjunction with the new hydrophilic formula to offer exceptional results.

**UltraSeal XT hydro sealant's** hydrophilic chemistry—with its characteristic thixotropic nature—chases moisture deep into pits and fissures on a microscopic level. Once there, its advanced adhesive technology allows it to bond effectively without a drying agent and to create bond strengths that are 26%–45% higher than other sealants—even in the presence of occlusal moisture left behind after air drying.<sup>2</sup> Higher bond strengths result in reduced microleakage<sup>3</sup> and increased marginal retention.

2. See Shear Bond graph on opposite page for bond strength measurements. 3. Sekhon P, Hatibovic-Kofman S, Ari T. Comparison of the microleakage of hydrophilic and hydrophobic sealant. J Dent Res 92(Sec Iss B):2452, 2013 (www.dentalresearch.org).

Marginal Retention and Microleakage Comparison

UltraSeal XT hydro sealant:

- No microleakage
- Sealed margins



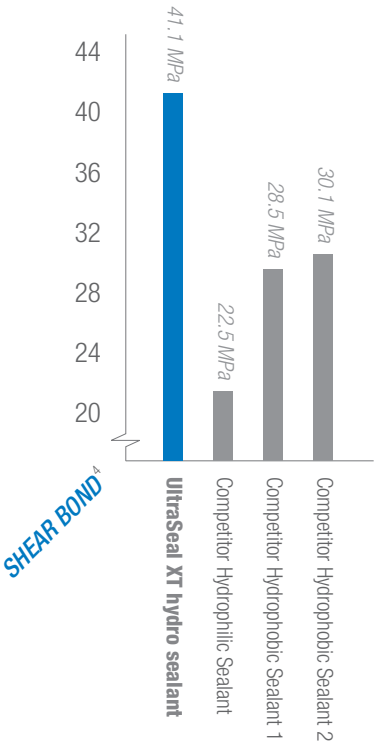
Competitor Hydrophilic Sealant:

- Microleakage <sup>(1)</sup>
- Product peeling away from margins <sup>(2)</sup>



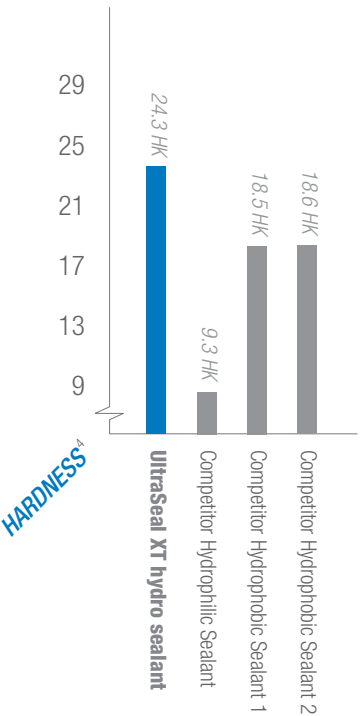
Physical Property Comparison

**High shear bond strength** is essential for maintaining a strong bond to the enamel.

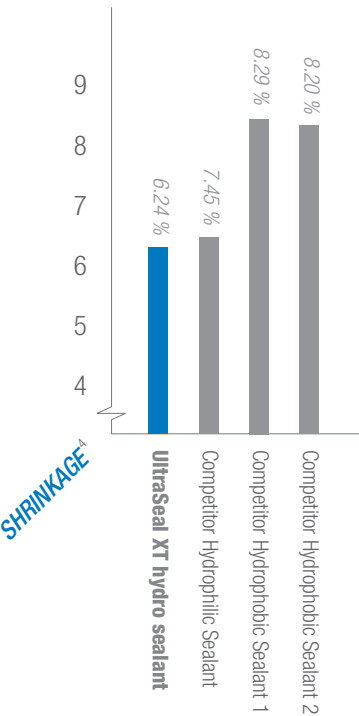


4. Data on file.

**High hardness** is proof of complete polymerization, as well as protection against deformation.



**Low shrinkage** allows for the best coverage now and in the future.



See the technology that creates exceptional results. See the difference the right sealant can make. [See UltraSeal XT hydro sealant.](#)