

Simplicity.

One Universal Shade and Fast application with Xeno® IV Adhesive

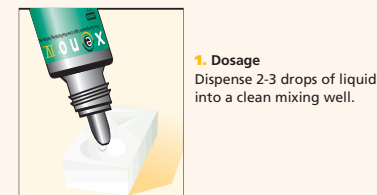
⚠ Consult directions prior to use

Indications: Class I Class II

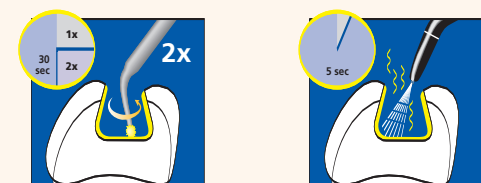


xeno® IV

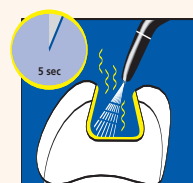
Self-Etching Dental Adhesive System



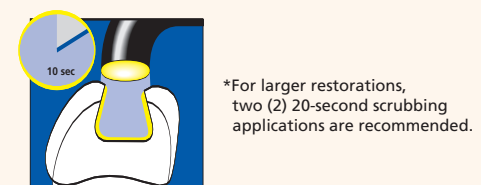
1. Dosage
Dispense 2-3 drops of liquid into a clean mixing well.



2. Apply generous amounts onto cavity surfaces. Actively scrub for 15 sec.* Repeat.



3. To remove solvents, use a very gentle stream of air to yield a smooth, glossy surface.



4. Light cure for at least 10 sec. Place restoration immediately.

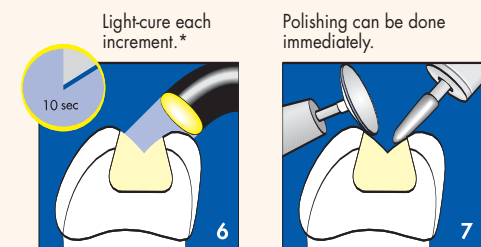
*For larger restorations, two (2) 20-second scrubbing applications are recommended.



Place increments.

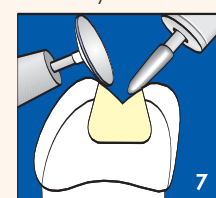
max. 4 mm

5



Light-cure each increment.*

Polishing can be done immediately.



6

7

* 10 sec. for light output 800mW/cm²; 20 sec. for light output of 500 to 800mW/cm². Lights such as Quartz Tungsten Halogen or LED that match the above noted outputs and are optimized for use with camphorquinone can be used.

xeno® IV

Self-Etching Dental Adhesive System

Xeno® IV's chemistry is based on the market leading Prime&Bond® NT™ formulation. This means proven clinical efficacy and confidence.

Xeno® IV has been designed with the clinician in mind:

- Etching, priming, bonding in a single component self-etch dental adhesive.
- High bond strengths to dentin and enamel for both direct and indirect restorations.¹
- Less technique sensitive than total etch systems – no over-drying or over-etching of dentin.
- Superb sealing ability including impregnating the smear layer and dentin tubules.
- Minimal post-operative sensitivity.¹
- Bottle and Unit Dose delivery.
- Releases fluoride.
- Available in both Light Cure and Dual Cure.



Ordering Information

#631200 QuiXX® Starter Package

- Base Kit contains 40 Compules® Tips (0.28g ea.)
- 2 Xeno® IV One Component Light Cured Self-Etching Dental Adhesive Evaluator Kits

#631202 QuiXX® Refill Package

- 20 Compules® Tips

#662022 PoGo® & Enhance® Complete Kit

- Enhance® Finishers: 10 each of Discs, Cups & Points
- PoGo® Polishers: 10 each of Discs, Cups & Points

#668010 Xeno® IV Dual Cure Introductory Kit

- 1 Xeno® IV Bottle – 4.5mL
- 1 Self Cure Activator Bottle – 4.5mL
- 100 Applicator Tips
- 1 Dappen Dish

#668001 Xeno® IV Introductory Kit

- 1 Bottle - 4.5mL
- 100 Flocked Applicator Tips
- 1 Dispensing Well

#668002 Xeno® IV Unit Dose Package

- 100 Unit Doses
- 100 Flocked Applicator Tips
- 3 Unit Dose Holders

#663008 Matrix Solutions Kit

- *The Palodent® System:*
 - 50 Standard Matrices
 - 25 Mini Matrices
 - 25 Plus Matrices
 - 2 BiTine® Round Rings
 - 2 BiTine® II Oval Rings
- *The AutoMatrix® Retainerless Matrix System:*
 - 1 AutoMate® III Tightening Device
 - 1 Snipper
 - 20 Medium Regular Bands
 - 30 Medium Thin Bands
 - 10 Wide Regular Bands
 - 20 Narrow Regular Bands

DENTSPLY CAULK

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www.dentsply.com • www.caulk.com • 1-800-LD-CAULK (532-2855)

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1. Data on file.
2. "Determinants of in vitro gap formation of resin composites", *J. Dent.* 2004, 32(2), 109-15, Peutzfeldt A., and Asmussen E.
3. Report by J. Manhart 2003-06-01 on 46 QuixFil restorations in 40 patients
4. Interim report 2003-03-24 by G.S.P. Cheung on 39 QuixFil restorations
5. Dr. P. Colon, MdC, Université de Paris VII
6. Dr. B. Pélissier, MdC, Université de Montpellier
7. Dr. O. Moyen, MdC, Université de Toulouse
8. *The Dental Advisor*, Vol. 19, No. 7, September 2002
9. Yamada T, Class V investigation, Toranomon Hospital, the Tokyo Medical and Dental University. Data on file.
10. Dr. Marcos Vargas, University of Iowa.

Right on
Target.
SPEED.
DURABILITY.
SIMPLICITY.

QuiXX® Posterior Restorative —
the on-target system for you
and your patients.

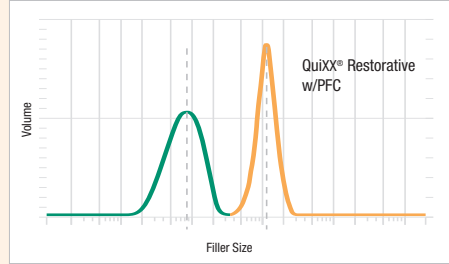
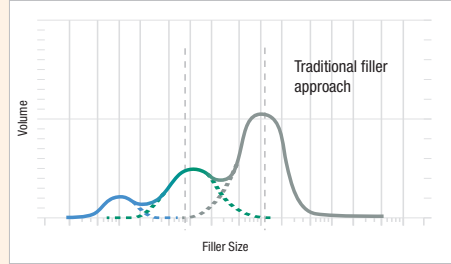
QuiXX®
POSTERIOR RESTORATIVE

Speed. Durability. Simplicity.

Utilizing groundbreaking advances in technology, QuiXX® Restorative offers the perfect balance, a fast, efficient and clinically effective posterior restoration.

Precise Filler Control Technology

DENTSPLY's patented Precise Filler Control System (PFC) ensures exacting size distribution of the filler particles and elimination of overlap of particle fractions in QuiXX® Restorative. PFC allows QuiXX® Restorative to offer an extremely high filler load (66% by volume and 86% by weight). Although QuiXX® Restorative is highly filled, precisely controlling the filler size distribution allows the material to be easily extruded from a Compules® Tip.



Bi-modal Interstitial Technology

The key to QuiXX® Restoratives unique handling is its Bi-modal Interstitial Technology (BIT). QuiXX® Restorative contains precisely engineered filler technology which, when manipulated during placement, provides ideal handling for posterior restorations. QuiXX® Restorative offers:

- Non-sticky handling for stress-free, easy adaption to cavity walls.
- A unique wax-like consistency that is sculptable, allowing for easy pre-cure anatomy creation without slumping.

Speed.

Dynamic Curing Control

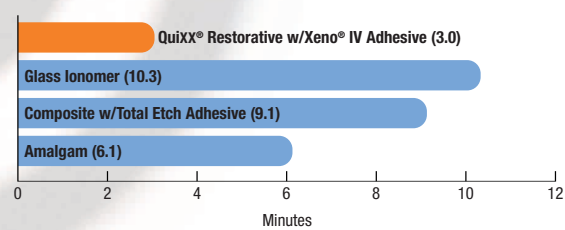
QuiXX® Restoratives Dynamic Curing Control (DCC) technology provides speed and ease of use. This technology is created through a delicate balance of photo-initiators and inhibitors. Through the use of DCC, QuiXX® Restorative offers a complete 4mm cure in as little as 10 seconds, while still offering a prolonged working time to allow creation of pre-cure anatomy.

↓ Procedure Time = ↑ Productivity = ↑ Profitability

QuiXX® Restorative has been designed to save your most valuable commodity, time. Based on clinical usage feedback, QuiXX® Restorative provides an extremely efficient tooth-colored restoration.

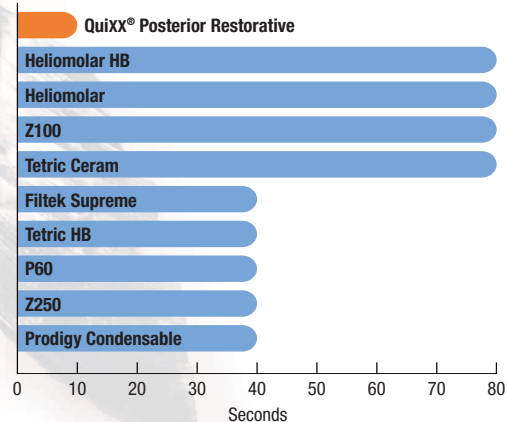
- The QuiXX® Restorative can provide up to 70% time savings from initial placement to final polish when compared to other direct restorative procedures.

Procedure Time for 1 Surface Restoration¹



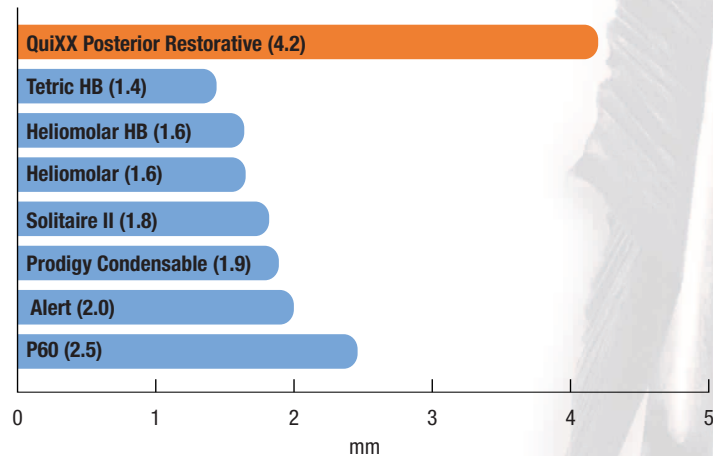
Curing Time for 4mm of Material¹

(according to the manufacturers Directions for Use)



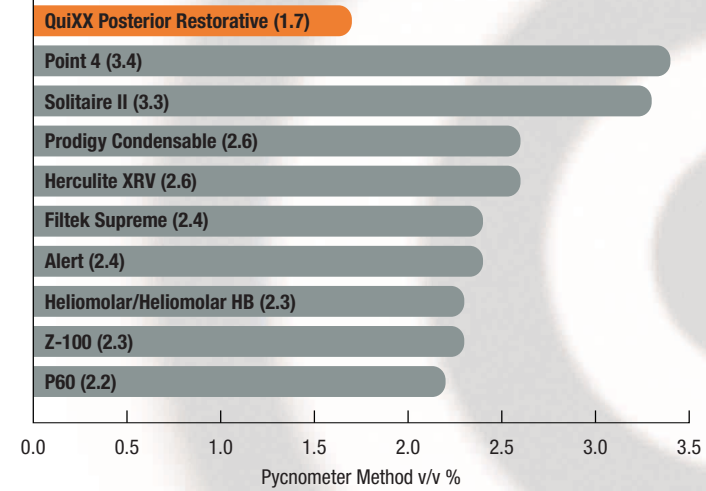
Depth of Cure (10 seconds)¹

ISO 4049 w/800mW/cm² Light



Durability.

Shrinkage¹



QuiXX® Restorative offers very low polymerization shrinkage

When cured, QuiXX® Restorative offers as much as 48% less shrinkage when compared to similar restorative materials. Lower shrinkage is thought to contribute to better marginal integrity for long-term clinical success.² QuiXX® Restorative, along with a proper bonding technique, maintains optimal marginal integrity for a posterior restorative.^{3,4}

Wear Resistance¹



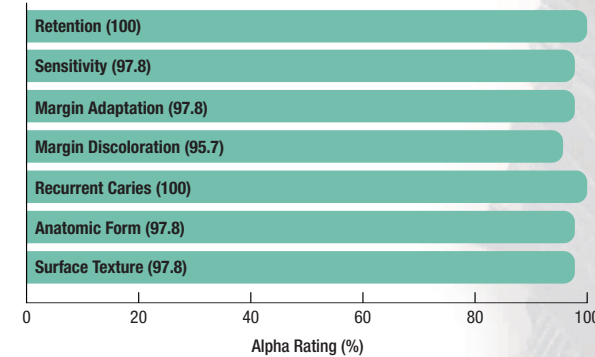
QuiXX® Restorations last, due to its low wear rate

Three-body simulated wear testing shows a composite's ability to resist long-term wear due to mastication forces. Many advanced materials have matched amalgam in providing excellent wear properties. QuiXX® Restorative offers low wear for long restoration life.

The clinical efficacy of QuiXX® Restorative is demonstrated by independent studies:

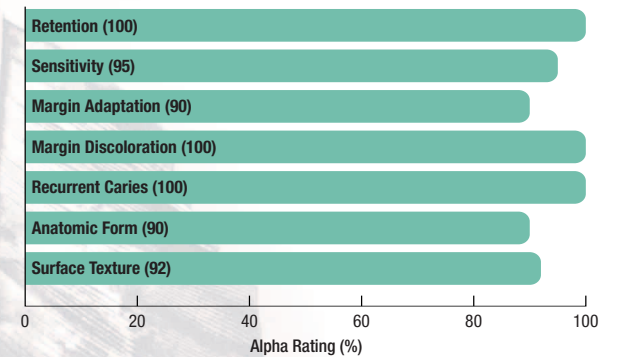
6-month Clinical Results – Class I, Class II³

Munich — Ryge (USPHS) Criteria



1-year Clinical Results – Class I, Class II⁴

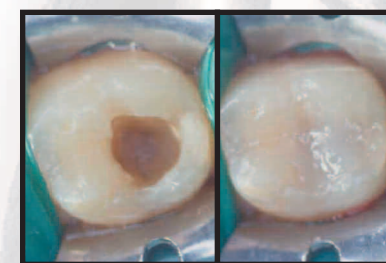
Hong Kong — Ryge (USPHS) Criteria



The universal shade of QuiXX® Restorative offers a metameric quality which allows it to pick up color from the surrounding tooth structure. The end result is a tooth-colored restoration which offers acceptable esthetics for posterior restorations.



Amalgam Replacement⁵



Class I⁶



Class II⁷