

kuraray

Noritake



CLEARFIL™
Universal Bond
Quick



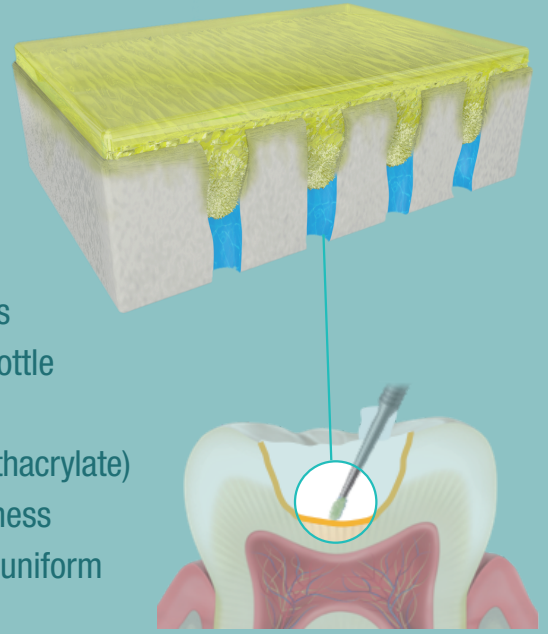


Simple & predictable

CLEARFIL™ Universal Bond Quick 2 is the latest adhesive from Kuraray Noritake Dental, the innovative dental company that pioneered etching and chemically bonding dentin as well as formulating the Original MDP adhesive monomer.

CLEARFIL™ Universal Bond Quick 2 provides new chemistry for next generation single-bottle adhesive dentistry.

The new proprietary UTM (urethane tetramethacrylate) technology helps to create lower film thickness adhesive with better handling and a strong uniform bond layer that prevents pooling.



Combining amide chemistry and the new UTM monomer, the bonding agent can bond to the dentin immediately without waiting time. This new chemistry also enables a thin and easy application that does not affect the bond layer's strength.

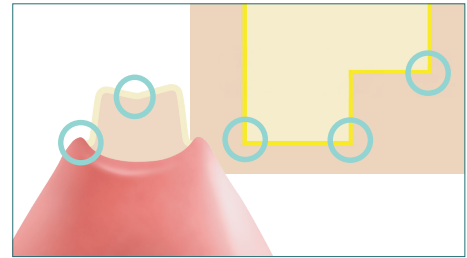
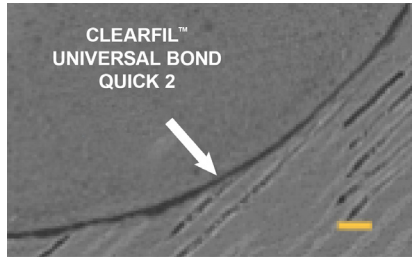
Simplified, universal restorative system-no separate activators*



*Refer to MFG. IFU for specific instructions

Easy to apply independent of cavity morphology

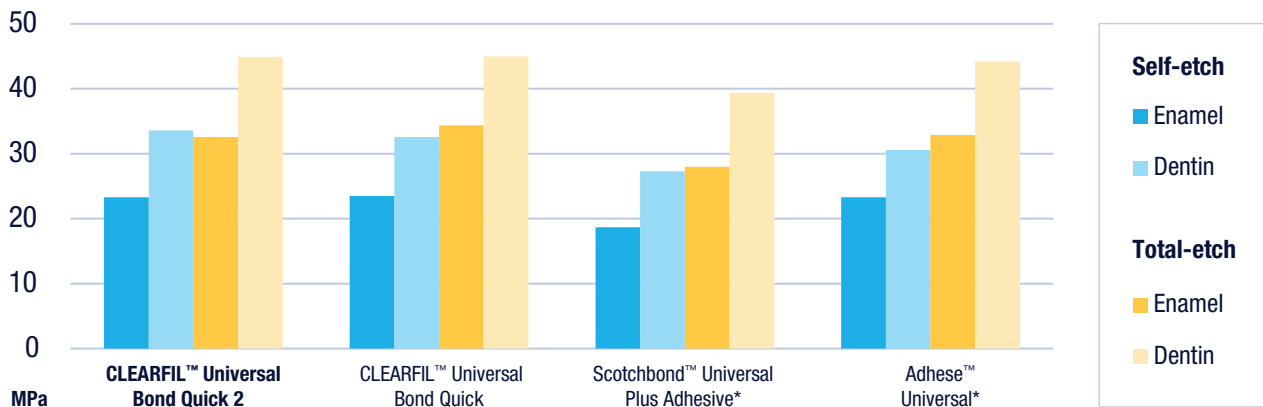
Thin adhesive layer prevents adhesive pooling in margins and create uniform bond layer. Applies thinly disperses evenly.



Clinical benefits

Quick Application & No Waiting ◆ Lower Film-Thickness ◆ Stronger Bond Strengths
 Uniform Bond Layer (Prevents Pooling) ◆ Room Temperature Storage

CLEARFIL™ Universal Bond Quick 2 exhibits high bonds strengths in all etching modes.



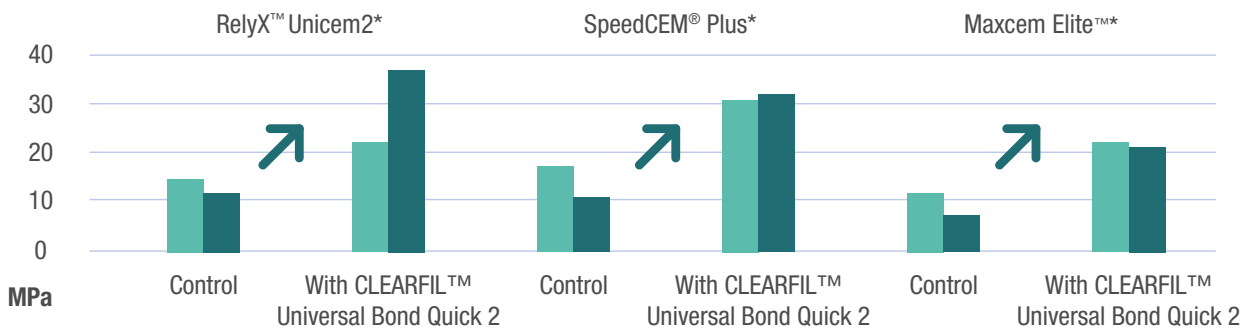
Test Methods: Notched-edge shear bond strength to bovine teeth (ISO29022)

*Not a trademark of Kuraray Co., Ltd

Source: Kuraray Noritake Dental, Inc.

Universal self-adhesive cement compatibility

Control: Direct application to human dentin without pretreatment



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Source: Kuraray Noritake Dental, Inc.

Engineered to endure

The CLEARFIL™ Universal Bond Quick 2 has MDP combined to unique AMIDE and UTM monomers, that forms thin strong adhesive layer with no waiting time.

URETHANE TETRAMETHACRYLATE

the new original multifunctional monomer provides an increase in the strength of the bond layer



MDP

MDP synthesized and refined independently by Kuraray Noritake Dental



AMIDE

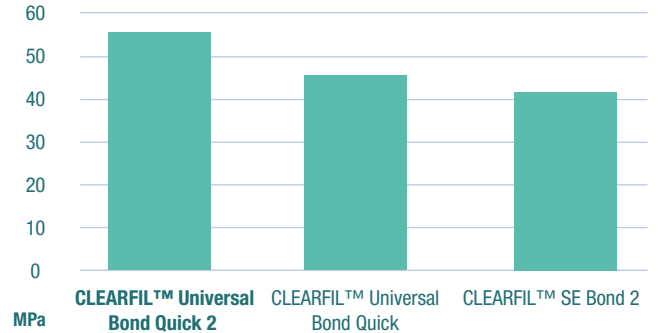
Highly hydrophilic and, after polymerisation, hydrophobic, and water-resistant.



Ideal companion for immediate dentin sealing with a strong bond layer

In mechanical strength, no adhesive in dentistry outperforms CLEARFIL™ Universal Bond Quick 2. Regardless of tooth quality.

Flexural bond strength



K. Hosaka et al., (Tokushima Univ.)

Direct restorations using light-cure composite resin

- Tooth pretreatment**
Choose either etching procedure
 - Self-etching** (Move to section 2)
 - Selective-etching**
Apply K-ETCHANT Syringe to the uncut and/or cut enamel, then rinse and dry **10sec.**
 - Total-etching**
Apply K-ETCHANT Syringe to the entire cavity (enamel and dentin), then rinse and dry **10sec.**
- Apply BOND with a rubbing motion**
No waiting time
- Dry by blowing mild air until BOND does not move***
5sec.+
- Light-cure****
- Place composite resin, light-cure and finish**

*1 Use a vacuum aspirator to prevent BOND from scattering.
*2 Refer to Table 1 for light-curing time.

Ordering information

<p>#4041-KA Bottle Standard Kit 1-Bond (5ml) 1-K-ETCHANT Syringe (3ml) & 20 Needle Tips 1-Dispensing Dish 1-Light-Blocking Plate 50-Applicator Brushes (Fine Silver)</p>	<p>#4042-KA Bottle Refill 1-Bond (5ml)</p>	<p>#4044-KA Bottle Value Pack 3-Bonds (5ml each)</p>	<p>#4046-KA Unit Dose Standard Pack 50 Unit-Dose 1-K-ETCHANT Syringe (3ml) & 20 Needle Tips 50-Applicator Brushes (Fine Silver)</p>
<p>#4047-KA Unit Dose Value Pack 100 Unit-Dose 1-K-ETCHANT Syringe (3ml) & 20 Needle Tips 100-Applicator Brushes (Fine Silver)</p>			

YOUR CONTACT

Kuraray America, Inc.
32 Old Slip Phone (800) 879-1676
Floor 7 Fax (888) 700-5200
New York, NY 10005 E-mail info@kuraraydental.com
Website www.kuraraydental.com

- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

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