

kuraray

Noritake

BONUS BUYS

Autumn Promotions

VALID FROM APRIL 27TH TO JUNE 30TH 2026



CLEARFIL Universal Bond Quick 2

The Everything Bond

Enter Promo Code **UBQ2** or **UBQ2VALUE** to claim bonus product

NEW



Buy 2
5ml bottle get
1 Free

Buy 1
value pack get
a 5ml bottle
Free

PANAVIA SA Cement Universal

No Primer Needed

Single Syringe. Enter Promo Code **PANAVIA** to claim bonus.



Buy 2, Get a
KATANA
Cleaner
Free

KATANA Cleaner

Versatile Cleaner

Bonus Syringe Shades Universal A2 or Translucent. Enter Promo Code **KATANACLEANER** to claim bonus.



BONUS
Buy 2 Get
1 PANAVIA SA
Cement Universal
Syringe Free

CLEARFIL MAJESTY ES- 2 Universal

No Blocker Required

Bonus Syringe or PLT, Universal Shade only. While Stocks Last. Enter Promo Code **ES2U** to claim bonus.



Buy 3 get
1 Free

CLEARFIL MAJESTY ES Flow Universal

Injectable Excellence

Enter Promo Code **ESFLOWU** to claim bonus.



Buy 2,
Get a CLEARFIL
Universal Bond
Quick 2 5ml
Free

Case Study

Conservative Management of Class V Lesions: A Case Study Using Advanced Adhesive and High-Performance Flowable Composite.

kuraray

Case Study

Conservative Management of Class V Lesions: A Case Study Using Advanced Adhesive and High-Performance Flowable Composite

Patient Information
A 72-year-old male presented with a history of restoration loss and recurring sensitivity on tooth #6. The Patient reported that the previous restoration had dislodged, and he now experienced sensitivity localized to the cervical area. His medical history is non-contributory.

Diagnosis and Treatment Plan
Clinical examination confirmed the presence of a small lesion and sensitivity, likely due to exposed dentin.

Treatment Protocol: Caries Detection and Preparation
To improve isolation and soft tissue access, a retraction cord was placed before initiating the procedure (Fig. 2). The tooth was evaluated using a caries indicator dye (Kuraray Noritake Dental), helping to identify any remaining infected tissue beneath the dislodged composite (Fig. 3). Decay removal was completed with a diamond bur, and the enamel was beveled using a starburst pattern to enhance aesthetic blending (Fig. 4). This preparation design was chosen for visual integration rather than bond strength enhancement.

Microabrasion
A PrepStart™ H2O Hydro Abrasion System (Danville Materials) was used to remove any residual plaque and biofilm, ensuring a clean bonding surface.

Etching and Bonding
Selective etching of the enamel was performed using a phosphoric acid etchant, followed by rinsing and air drying (Fig. 5). CLEARFIL™ Universal Bond Quick 2 was then applied according to the manufacturer's protocol: a three second application, gentle air-drying, and light-curing for 20 seconds (Fig. 6).

Restoration Placement
CLEARFIL MAJESTY™ ES Flow Universal in shade UD (Universal Dark) was paced in 0.5mm increments, with each layer light-cured prior to the next (Figure 7).

Approximately 3-4 layers were used to its final contour. (Figure 8). The scattering properties of the flowable seamless shade integration with the surrounding tooth structure.

Finishing and Polishing
A fine-grit diamond bur was used for the final luster with a polishing system from Meisinger. The cord was removed at the end of the procedure.

Rationale for Product Selection
In selecting restorative materials, not only backed by solid research, but also high performance in clinical practice. Universal Bond Quick 2 and CLEARFIL MAJESTY ES Flow Universal for this case. CLEARFIL MAJESTY ES Flow is extremely easy to use. It is designed to fit to the tooth structure, and the second application, generally provides a more durable restoration.

CLEARFIL MAJESTY ES Flow
CLEARFIL MAJESTY ES Flow's physical properties, including its new spherical filler, allow it to blend into surrounding enamel. As a flowable composite, it has the ability to work with sculpting tools with confidence in the hand.

Patient Result
The patient reported being pleased with the conservative management and minimal tooth durability.

Figure 1: Initial presentation of tooth #6 showing the Class V lesion with dislodged previous restoration and exposed dentin.

Figure 2: Placement of retraction cord to improve isolation and access to the cervical area prior to preparation.

Figure 3: Application of caries indicator dye to identify remaining infected tissue beneath the dislodged composite.

Figure 4: Preparation of the lesion completed with diamond bur and starburst beveling pattern to enhance aesthetic blending.

Figure 5: Selective etching of the enamel at the margins.

Figure 6: Application of CLEARFIL Universal Bond Quick 2 following selective etching of the enamel margins.

Figure 7: Incremental placement of CLEARFIL MAJESTY ES Flow in shade UD (Universal Dark) in 0.5 mm layers.

Figure 8: Completed restoration after full placement of CLEARFIL MAJESTY ES Flow in multiple increments.

Figure 9: Initial contouring and shaping of the restoration using a fine-grit diamond bur.

Figure 10: Completed restoration immediately after polishing, showing excellent shade integration with the surrounding tooth structure.

Shop now

Troy Schmedding DDS, AAACD
Dr. Troy Schmedding is a 1993 honours graduate of the Arthur A. Dugoni School of Dentistry in San Francisco, California. He maintains a private practice in Walnut Creek, CA, where he focuses on aesthetic and functional dentistry. An accredited member of the American Academy of Cosmetic Dentistry, he lectures both nationally and internationally on aesthetics and restorative materials.

14 Henry Schein | Dental Solutions November/December 2025

15 Henry Schein | Dental Solutions November/December 2025

RESTORATIVE

Read Article