



CLEARFIL SE PROTECT with CLEARFIL MAJESTY Esthetic in Class V Restorations - 1-year Clinical Performance + + + + +

Kuraray America
800.879.1676
www.kuraraydental.com

Description

CLEARFIL SE PROTECT is a self-etching primer/light-cured bonding system. **CLEARFIL SE PROTECT** contains the same proprietary technology and physical properties as **CLEARFIL SE BOND** with two additional features - long-term fluoride release and MDPB monomer with an antibacterial, cavity-cleansing effect. The introductory kit of **CLEARFIL SE PROTECT** includes 6 mL of primer, 5 mL of adhesive, a dispensing case, and accessories. **CLEARFIL MAJESTY Esthetic** is a universal, light-cured, nanohybrid, radiopaque composite for anterior and posterior use. **CLEARFIL MAJESTY Esthetic** is available in 23 shades: A1, A2, A3, A3.5, A4, B1, B2, B3, BL1, BL2, C2, C3, C4, D2, D3, D4, E1, E2, E3, OA2, OA3, OA4 and T. The composite can be applied in a single shade or layered for complex esthetic cases. **CLEARFIL MAJESTY Esthetic** is available in 2 mL (3.6 g) syringes or 20, 0.26 g unit-dose tips. At one year, **CLEARFIL SE PROTECT** with **CLEARFIL MAJESTY Esthetic** in Class V restorations received a clinical rating of 100%.

Clinical Evaluation Protocol

- 226 Class V restorations in 98 patients have been placed and evaluated over the past 12 months using **CLEARFIL SE PROTECT** with **CLEARFIL MAJESTY Esthetic**.
- Class V restorations were placed in the anterior and posterior regions (Figure 1).

Consultants' Comments

- ◆ "I have seen excellent esthetics and retention of all restorations placed."
- ◆ "There has been no evidence of microleakage in any of the Class V restorations placed."
- ◆ "No sensitivity has been reported."
- ◆ "I have placed over 100 Class V restorations and have not observed any debonding or marginal discoloration."

- 20 restorations were eligible for one-year recall. Restorations were evaluated on a 1-5 rating scale: 1 = poor, 2 = fair, 3 = good, 4 = very good, 5 = excellent.

Distribution of seated restorations at placement

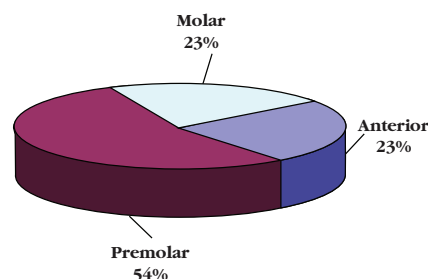


Figure 1

THE DENTAL ADVISOR

Ratings: Excellent + + + + + Very Good + + + + Good + + +

THE DENTAL ADVISOR • 3110 West Liberty, Ann Arbor, Michigan 48103 • 800.347.1330 • info@dentaladvisor.com

© 2011 Dental Consultants, Inc. No unauthorized duplication or reprints may be made. Inquiries concerning duplication may be directed to the publisher.

Clinical Observations

Resistance to Marginal Discoloration

All of the **CLEARFIL MAJESTY Esthetic** restorations were placed using **CLEARFIL SE PROTECT**. All restorations were resistant to marginal discoloration after one year (Figure 2).

Retention

CLEARFIL SE PROTECT with **CLEARFIL MAJESTY Esthetic** maintained excellent retention in both the anterior and posterior regions (Figure 2). No restorations debonded.

Lack of Postoperative Sensitivity (as reported by patients)

No issues of sensitivity were reported by patients who had **CLEARFIL SE PROTECT** with **CLEARFIL MAJESTY Esthetic** Class V restorations placed. In many cases, the restorations helped eliminate pre-existing issues with sensitivity.

Surface Smoothness

CLEARFIL SE PROTECT with **CLEARFIL**

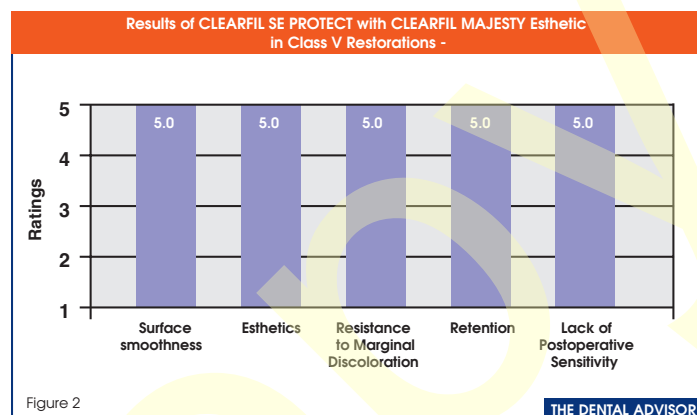
MAJESTY Esthetic has demonstrated excellent performance in Class V restorations during the first year of service (Figure 2). No restorations exhibited chipping, notching or surface abrasion.

Esthetics

CLEARFIL SE PROTECT with **CLEARFIL MAJESTY Esthetic** has exhibited excellent esthetics both in Class V restorations in the anterior and posterior regions during the first year in service (Figure 2). The variety of shade selection and its chameleon effect resulted in optimal esthetics at placement.

Summary

Two hundred twenty-six **CLEARFIL SE PROTECT** with **CLEARFIL MAJESTY Esthetic** Class V restorations were placed in 98 patients over the past year. Resistance to debonding was excellent and no marginal discoloration was seen with **CLEARFIL SE PROTECT**. Over the past year, restorations maintained the surface smoothness and esthetics. No issues of increased sensitivity were reported by patients. ■



Ratings: Excellent + + + + + Very Good + + + + Good + + +

THE DENTAL ADVISOR • 3110 West Liberty, Ann Arbor, Michigan 48103 • 800.347.1330 • info@dentaladvisor.com

© 2011 Dental Consultants, Inc. No unauthorized duplication or reprints may be made. Inquiries concerning duplication may be directed to the publisher.