

CLEARFIL™ SA CEMENT



FAQ

kuraray

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CLEARFIL™ SA CEMENT

A Self-Adhesive, Self-Etching Resin Cement



<GENERAL INFORMATION>

Q: What type of cement is **CLEARFIL™ SA CEMENT**?

A: **CLEARFIL™ SA CEMENT** is a dual-cure, self-etch, self-adhesive resin cement that provides fluoride release.

Q: What is the shelf-life of **CLEARFIL™ SA CEMENT**?

A: The shelf-life of **CLEARFIL™ SA CEMENT** is 24 months with refrigeration. The product should be refrigerated when not in use. For daily use, remove it from the refrigerator in the morning and keep it at room temperature (avoid from direct sunlight or extreme heat). Place it back into the refrigerator at the end of the day.

Q: How many applications are in a kit?

A: There are approximately 20 applications, depending on the type of restorations which are cemented (crowns; inlays; onlays).

Q: What shades of **CLEARFIL™ SA CEMENT** are available?

A: **CLEARFIL™ SA CEMENT** is currently available in two shades:

- Universal (A2): translucent A2
- White: paper white (whiter than A1), slightly more opaque than Universal

Q: Why does **CLEARFIL™ SA CEMENT** have only 2 shades?

A: Our marketing research indicates that a universal (tooth color) and white (for high visibility and masking) are sufficient for most general cementation needs, and will provide optimum esthetics. Most current self-adhesive cements and Glass ionomers are 1 shade. **CLEARFIL™ SA CEMENT** is not recommended for veneer or Maryland Bridge cementation.

<Additional information, especially for inlay / onlay cases>

There is almost no difference in “color effect” between the “Clear(or translucent)” shade of other products and Universal shades of **CLEARFIL™ SA CEMENT** when cementing inlays/onlays. The Universal shade provides good color blending at the margins; therefore, 2 shades are sufficient for general cementation.

Q: How much material is lost in the mixing tip?

A: Approximately 0.19 ml (0.34 g) of material is lost in the regular mixing tip. The Endo tip loss of material is approximately 0.14 ml (0.26 g).

<INDICATIONS & PROCEDURES>

Q: What are its clinical indications?

A: **CLEARFIL™ SA CEMENT** is clinically indicated for following as;

- 1) Cementation of crowns, bridges, inlays and onlays
- 2) Cementation of metal cores, resin cores, metal posts or glass-fiber posts

CLEARFIL™ SA CEMENT is not indicated for veneers and adhesion bridges (Maryland Bridges).

CLEARFIL™ ESTHETIC CEMENT is the best product for those cases.

Q: Is **CLEARFIL™ SA CEMENT** suitable for amalgam restorations?

A: No, we do not recommend **CLEARFIL™ SA CEMENT** for amalgam restorations. **Panavia™ 21** or **F2.0** are the best products to use with amalgam restorations.

Q: Can **CLEARFIL™ SA CEMENT** be used with **Ceramic Primer**, **Alloy Primer**, and **Clearfil™ DC BOND**?

A. **CLEARFIL™ DC BOND** is not recommended for use on the tooth structure, as it will shorten the working time. Used with **CLEARFIL™ Ceramic Primer** is not effective for high strength ceramics. And **Alloy Primer** is also not effective for gold alloy.

Q: How long should **CLEARFIL™ SA CEMENT** be applied to the tooth before placing the restoration?

A: It is not necessary to leave the paste on the tooth for self-etching.

Q: *Is it OK to use CLEARFIL™ SA CEMENT with a desensitizing agent (e.g. Gluma)?*

A: No advantage is provided. The potential for post-operative sensitivity is greatly reduced when using **CLEARFIL™ SA CEMENT** compared with traditional total-etch resin cement systems. There is no separate acid-etching step to open dentin tubules, which is similar to self-etch adhesive systems.

Q: *Can my Plasma Arc (Xenon) and LED Curing Light be used with CLEARFIL™ SA CEMENT?*

A: Yes. The curing times are 5 seconds and 20 seconds (conventional LED), respectively. Light-cure from the occlusal, the lingual and the labial (buccal) sides when curing by only light.

Q: *How long does it take for CLEARFIL™ SA CEMENT to self-cure?*

A: It takes 5 minutes in the mouth.

Q: *What is the extra-oral working time of CLEARFIL™ SA CEMENT?*

A: The extra-oral working time is 1 minute.

Q: *What is the best way to remove the excess cement?*

A: First, tack-cure the excess cement of **CLEARFIL™ SA CEMENT**, then remove it with an instrument. **CLEARFIL™ SA CEMENT** can also be allowed to self-cure to reach its gel state where it can be easily removed.

Q: *How do I prepare my metal/fiber posts when using CLEARFIL™ SA CEMENT?*

A: First, clean the surface of the post according to the post's IFU. Then coat the post with **CLEARFIL™ SA CEMENT** paste without a metal primer/ or a silane.

Q: *How do I prepare porcelain when using CLEARFIL™ SA CEMENT?*

A: First, sandblast the adherent surface of the restoration to roughen the surface, according to the restorations. Then apply K-etchant Gel to activate and clean the surface. After cleaning/activation, apply a silane coupling agent (ex. **CLEARFIL™ Porcelain Bond Activator** plus **CLEARFIL™ SE BOND Primer** or only **CLEARFIL™ CERAMIC PRIMER**) to the adherent surface of the restoration. The **CLEARFIL™ SA CEMENT** paste is then applied directly to the restoration.

Recommend to use a silane coupling agent (eg. **CLEARFIL™ CERAMIC PRIMER**) for following silicate-based ceramics also (examples).

- 1) Lithium Silicate : IPS e.max Press, Finesse
- 2) Lucite : IPS Empress, GN-I

Q: *How do I prepare my Procera and In-Ceram crowns when using CLEARFIL™ SA CEMENT?*

A: Sandblast the adherent surface of the restoration; ultrasonic wash and then dry. **CLEARFIL™ SA CEMENT** bonds directly to high strength ceramics. HF etching or silanating the internal surface is not necessary..

<Additional information (other examples)>

A silane coupling agent is not necessary for the following products when using **CLEARFIL™ SA CEMENT**:

- 1) Zirconia : Cercon, Procera, Lava, Katana, In-Ceram, IPS e.max ZirCAD
- 2) Alumina : Procera, In-Ceram
- 3) Indirect composites : Sculpture, Targis, BelleGlass, Sinfony
- 4) Hybrid ceramics : Estenia

<OTHER>

Q: *Is CLEARFIL™ SA CEMENT radiopaque or radiolucent?*

A: **CLEARFIL™ SA CEMENT** is radiopaque. It is equivalent to 1.7 mm aluminum based on ISO 4049.