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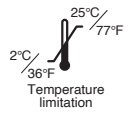
DENTAL BONDING AGENTS

CLEARFIL™ Universal Bond Quick 2



ENGLISH INSTRUCTIONS FOR USE

I. INTRODUCTION

CLEARFIL Universal Bond Quick 2 consists of BOND and K-ETCHANT Syringe (Bottle Refill and Unit Dose only include BOND). BOND is a light-cure bonding agent that allows for the treatment of dentin, enamel, and prosthetic materials. Depending on the indication, BOND is used as self-etching or with K-ETCHANT Syringe for selective enamel etching or total-etching procedures. BOND is intended to be used for both direct and indirect restorations. CLEARFIL DC Activator activates the dual-curing mechanism of BOND; however, the addition of CLEARFIL DC Activator to the adhesive is not required when using BOND with CLEARFIL DC CORE PLUS, self-adhesive resin cements manufactured by Kuraray Noritake Dental Inc. (Kuraray's self-adhesive cements, e.g. PANAVIA SA Cement Universal or PANAVIA SA LUTING Multi) or PANAVIA Veneer LC. BOND is available in both Bottle and Unit Dose delivery systems. K-ETCHANT Syringe is an etching gel that consists of 35 % phosphoric acid aqueous solution and colloidal silica. The general clinical benefit of CLEARFIL Universal Bond Quick 2 is to restore tooth function for the following INDICATIONS FOR USE.

II. INDICATIONS FOR USE

CLEARFIL Universal Bond Quick 2 is indicated for the following uses:
[1] Direct restorations using light-cured composite resin
[2] Sealing of a prepared cavity or abutment tooth as a pretreatment for indirect restorations
[3] Treatment of exposed root surfaces
[4] Treatment of hypersensitive teeth
[5] Intraoral repairs of fractured restorations
[6] Post cementation and core build-ups
[7] Cementation of indirect restorations

III. CONTRAINDICATIONS

Patients with a history of hypersensitivity to methacrylate monomers. Patients known to be allergic to any of the ingredients contained in this product.

IV. POSSIBLE SIDE EFFECTS

[1] The oral mucosal membrane may turn whitish when contacted by BOND due to the coagulation of protein. This is usually a temporary phenomenon that will disappear in a few days. Instruct patients to avoid irritating the affected area while brushing.
[2] K-ETCHANT Syringe (phosphoric acid) may cause inflammation or erosion due to its chemistry.

V. INCOMPATIBILITIES

[1] Do not use eugenol-containing materials for pulp protection or temporary sealing, since the eugenol might retard the curing process.
[2] Do not use hemostatics containing ferric compounds, since these materials may impair adhesion and may cause discoloration of the tooth margin or surrounding gingiva, due to remaining ferric ions.
[3] When using hemostatics containing aluminum chloride, minimize the quantity; use caution to prevent contact with the adherent surface. Failure to do so might weaken the bond strength to the tooth structure.

VI. PRECAUTIONS

1. Safety precautions

1. This product contains substances that may cause allergic reactions. Avoid use of the product in patients with known allergies to methacrylate monomers or any other components in the product.
2. If the patient demonstrates a hypersensitivity reaction such as rash, eczema, features of inflammation, ulcer, swelling, itching, or numbness, discontinue use of the product, remove the product and seek medical attention.
3. Avoid direct contact with the skin and/or soft tissue to prevent hypersensitivity. Wear gloves or take appropriate precautions when using the product.
4. Protect skin and eyes from direct contact to the product. Before using the product, cover the patient's eyes with a towel or safety glasses to protect them in the event of splashing material.
5. If the product comes in contact with human body tissues, take the following actions:
   <If the product gets in the eye>
   Immediately wash the eye with copious amounts of water and consult a physician.
   <If the product comes in contact with the skin or the oral mucosa>
   Immediately wipe the area with a cotton pellet or a gauze pad moistened with alcohol and rinse with copious amounts of water.
6. Exercise caution to prevent the patient from accidentally swallowing the product.
7. Avoid looking directly at the dental curing light when curing the BOND.
8. Avoid using the same BOND dispensed into a well of the dispensing dish on different patients. Use a Unit Dose and applicator brush for different patients to prevent cross contamination. Unit Dose and applicator brushes are single use only. Discard them after use. The needle tip (for K-ETCHANT Syringe) is single use only. Do not reuse it to prevent cross-contamination. Discard it after use.
9. Wear gloves or take other appropriate protective measures to prevent the occurrence of hypersensitivity that may result from contact with methacrylate monomers or any other components in the product.
10. If the instruments associated with this product are damaged, use caution and protect yourself; immediately discontinue use.
11. This product contains a trace amount of surface treated Sodium fluoride (less than 0.1%). Using on children under the age of 6 may have a potential risk of fluorosis.
12. Dispose of this product as a medical waste to prevent infection. The needle tip (for K-ETCHANT Syringe) must be disposed of after covering the tip of the needle to prevent injury.
13. If a dental temporary filling/temporary cement is a resin-based material which is applied on the surface for sealing a cavity or abutment tooth with BOND, or coating with a composite resin, use a dental separation material according to the manufacturer's instructions to avoid bonding between the temporary material and the surface.

2. Handling and manipulation precautions

【Common precautions】

1. This product must not be used for purposes other than specified in [II. INDICATIONS FOR USE].
2. The use of this product is restricted to dental professionals.
3. Use a pulp capping agent in a cavity close to the pulp or in the event of accidental pulp exposure.

【BOND】

1. BOND contains ethanol, a flammable substance. Do not use it near an open flame.
2. To prevent poor performance or poor handling characteristics, observe the specified light-curing times and other handling requirements.
3. Clean the cavity sufficiently to prevent poor bonding. If the adherent surface is contaminated with saliva or blood, wash it thoroughly and dry before bonding.
4. **Bottle:** After dispensing or mixing, use a light-blocking plate to avoid exposing the material to an operating light or ambient light and use within the working time indicated below.

Material	Working time
BOND	7 minutes
BOND + CLEARFIL DC Activator	90 seconds

   As the ethanol in BOND evaporates, the viscosity increases, thereby making it difficult to apply.
   Unit Dose: Snap off the container cap and apply BOND to the adherent surface with an applicator brush immediately.
5. During the application of BOND to the adherent surface with a rubbing motion, move the operating light away from the mouth or turn off the light to prevent BOND from curing too quickly. In addition, after application of BOND, dry sufficiently until BOND does not move by blowing mild air.
6. BOND contains ethanol and water. CLEARFIL DC Activator contains ethanol. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until BOND or the mixture of BOND and CLEARFIL DC Activator does not move; otherwise, the adhesion effect will be impaired. In order to dry sufficiently, adjust the air pressure according to the shape and size of the cavity and the prosthetic appliance. Use a vacuum aspirator to prevent BOND or the mixture from scattering.
7. If the treated surface is contaminated, wash it with water, dry, or clean with alcohol or KATANA Cleaner, and treat again with BOND. [KATANA Cleaner can be selected to clean the adherent surfaces. When using KATANA Cleaner, follow the Instructions for Use.]
8. **Bottle:** Do not mix BOND with other bonding agents except CLEARFIL DC Activator.
   Unit Dose: Do not mix BOND with other bonding agents. Do not use Unit Dose with CLEARFIL DC Activator due to the design of the Unit Dose container.
9. **Unit Dose:** When using for core build-up or cementation, use BOND only with CLEARFIL DC CORE PLUS or Kuraray's self-adhesive cements.
10. **Bottle:** Light-cure the mixture of BOND and CLEARFIL DC Activator, otherwise, the working time will be shortened dramatically.
11. **Bottle:** The container should be tightly capped immediately after use to reduce the evaporation of the volatile solvent (ethanol contained in BOND). If the liquid cannot be dispensed easily, the nozzle might be plugged. Don't use the excessive force trying to dispense BOND.
12. **Bottle:** If BOND has not been used for a long time, BOND may not flow easily; shake the container before use.

【K-ETCHANT Syringe】

1. Be careful not to contaminate etched area with saliva or blood. If the treated surface is contaminated, re-treat.
2. Be careful to avoid cross-contamination. Disinfect the syringe by wiping it with an absorbent cotton with alcohol both before and after use. Cover the entire syringe with a disposable plastic barrier to prevent saliva and blood contamination.
3. If the product gets on clothing, wash it off with water.
4. After each use, remove the needle tip from the syringe and recap the syringe immediately and tightly.
5. Etching vital dentin may cause post-operative sensitivity.

【Dental light-curing unit】

1. Low light intensity causes poor adhesion. Check the lamp for service life and the dental curing light guide tip for contamination. It is advisable to check the dental curing light intensity using an appropriate light evaluating device at appropriate intervals.
2. The emitting tip of the dental curing unit should be held as near and vertical to the resin surface as possible. If a large resin surface has to be light-cured, it is advisable to divide the area into several sections and light-cure each section separately.

3. Storage precautions

1. The product must be used by the expiration date indicated on the package.
2. BOND must be stored at 2-25°C / 36-77°F when not in use. If the product is refrigerated when not in use, it should be brought to room temperature for more than 15 minutes before using it.
   Especially, Bottle must be left standing; otherwise, an excessive amount of liquid might be unintentionally dispensed or the liquid may ooze after use.
3. K-ETCHANT Syringe must be stored at 2-25°C / 36-77°F when not in use.
4. The product must be kept away from extreme heat, direct sunlight or a flame.
5. The product must be stored in a proper place where only dental practitioners can access.

VII. COMPONENTS

Please see the outside of the package for contents and quantity.
<Principal ingredients>

1) BOND
Bisphenol A diglycidylmethacrylate (Bis-GMA), Hydrophilic amide monomers, Ethanol, Water, 2-Hydroxyethyl methacrylate (HEMA), 10-Methacryloyloxydecyl dihydrogen phosphate (MDP), Colloidal silica, Urethane tetramethacrylate, dl-Camphorquinone, Accelerator, Silane coupling agent, Phenyl bis (2,4,6-trimethylbenzoyl)-phosphine oxide, Sodium fluoride

2) K-ETCHANT Syringe
Water, Phosphoric acid, Colloidal silica, Pigment

3) Accessories
Applicator brush (fine<silver>), Dispensing dish*, Light-blocking plate*, Needle tip (E) (for K-ETCHANT Syringe)
*Consumables

VIII. CLINICAL PROCEDURES

A. Standard procedure I

[1] Direct restorations using light-cured composite resin
[2] Sealing of prepared cavity or abutment tooth as a pretreatment for indirect restorations
[3] Treatment of exposed root surfaces
[4] Treatment of hypersensitive teeth

A-1. Isolation and Moisture control
Avoid contamination of the treatment area from saliva or blood to produce optimal results. A rubber dam is recommended to keep the area clean and dry.

A-2. Preparation of cavity, abutment tooth, root surfaces or hypersensitive surfaces
Remove any infected dentin and prepare the cavity or the abutment tooth in the usual manner. When treating root surfaces or hypersensitive surfaces, clean the surfaces as usual. Clean thoroughly by spraying with water, and dry with air or with cotton rolls.

A-3. Pulp protection
Any actual or near pulp exposure can be covered with a hard setting calcium hydroxide material. There is no need for cement lining or base. Do not use eugenol materials for pulp protection.

A-4. Pretreatment of tooth
Choose one of the three etching procedures before applying BOND.
[NOTE]
When treating hypersensitive teeth, select section A-4a before applying BOND.

A-4a. Self-etching procedure
Move to section A-5 without etching with K-ETCHANT Syringe.

A-4b. Selective enamel etching procedure
Apply K-ETCHANT Syringe to the uncut and/or cut enamel. Leave it in place for 10 seconds, then rinse and dry.

A-4c. Total-etching procedure
Apply K-ETCHANT Syringe to the entire cavity or abutment tooth (enamel and dentin), leave it in place for 10 seconds, then rinse and dry.

A-5. Application of BOND

1. **Bottle:** Dispense the necessary amount of BOND into a well of the dispensing dish immediately before application.
   [CAUTION]
   Use the light-blocking plate to avoid exposing the material to an operating light or ambient light; use within 7 minutes after dispensing.
   Unit Dose: Snap off the container cap.
   [CAUTION]
   When snapping off the container cap, do not tilt in order to avoid spilling BOND.

2. Apply BOND with a rubbing motion to the entire cavity or abutment tooth with an applicator brush. No waiting time is required.
   [NOTE]
   Use caution not to allow saliva or exudate to contact the treated surfaces.

3. Dry the entire cavity or abutment tooth sufficiently by blowing mild air for more than 5 seconds until BOND does not move. Use a vacuum aspirator to prevent BOND from scattering.
4. Light-cure BOND with a dental curing unit. (See table "Dental curing unit and curing time").

Table: Dental curing unit and curing time

Type	Light source	Light Intensity	Light-curing time
Halogen	Halogen lamp	More than 400 mW/cm^2	10 seconds
LED	BLUE LED*	800 – 1400 mW/cm^2	10 seconds
		More than 1500 mW/cm^2	5 seconds

The effective wavelength range of each dental curing unit must be 400 - 515 nm.
*Peak of emission spectrum: 450 - 480 nm

A-6. Placement of composite resin restorative material; treatment of exposed root surfaces; treatment of hypersensitive teeth; or sealing of prepared cavity or abutment tooth.

A-6a. Direct restorations using light-cured composite resin.
Place composite resin (e.g. CLEARFIL MAJESTY ES-2, CLEARFIL MAJESTY ES Flow, CLEARFIL AP-X ES-2 or CLEARFIL AP-X Esthetics Flow) into the cavity, light-cure, finish and polish according to the manufacturer's instructions.

A-6b. Treatment of exposed root surfaces and sealing of prepared cavity or abutment tooth

If necessary, place a thin coat of composite resin (e.g. CLEARFIL MAJESTY ES Flow or CLEARFIL AP-X Esthetics Flow) onto the tooth, light-cure according to the manufacturer's instructions. Wipe the surface with a cotton pellet or a gauze moistened with alcohol to remove the un-polymerized layer (oxygen inhibited layer).

A-6c. Treatment of hypersensitive teeth

Wipe the surface with a cotton pellet or a gauze moistened with alcohol to remove the un-polymerized layer (oxygen inhibited layer) of BOND.

B. Standard procedure II

[5] Intraoral repair of fractured restorations

B-1. Preparation of adherent surfaces

Roughen the adherent surfaces using a diamond point or blasting with 30 to 50 μm alumina powder at air pressure of 0.1-0.4 MPa (14-58 PSI/ 1-4 bar), then rinse and dry. The air pressure should be properly adjusted to suit the material and/or shape of the prosthetic restoration, using caution to prevent it from chipping. Bevel the marginal area.

B-2. K-ETCHANT Syringe treatment of adherent surfaces

Apply K-ETCHANT Syringe to the adherent surface. Leave in place for 5 seconds, then rinse and dry. This acid etching is not necessary for non-precious metal and metal oxide ceramic.

B-3. Application of BOND

Apply BOND with a rubbing motion to the entire adherent surface. Refer to section A-5.

[NOTE]

For optimal performance, apply a silane coupling agent (e.g. CLEARFIL CERAMIC PRIMER PLUS) to the surface of silica-based glass ceramic (e.g. conventional porcelain, Lithium disilicate) and/or apply a metal adhesive primer (e.g. ALLOY PRIMER) to precious metal surfaces according to the manufacturer's instructions BEFORE applying BOND.

B-4. Place composite resin restorative

Place composite resin (e.g. CLEARFIL MAJESTY ES-2, CLEARFIL MAJESTY ES Flow, CLEARFIL AP-X ES-2 or CLEARFIL AP-X Esthetics Flow), light-cure, finish and polish according to the manufacturer's instructions.

[NOTE]

Use an opaque resin (e.g. CLEARFIL ST OPAQUER) before composite resin placement to mask metal color, according to the manufacturer's instructions.

C. Standard procedure III

[6] Post cementation and core build-ups

When using with CLEARFIL DC CORE PLUS, PANAVIA SA Cement Universal or PANAVIA SA LUTING Multi, the use of CLEARFIL DC Activator is not necessary.

C-1. Isolation and Moisture control

Avoid contamination of the treatment area from saliva or blood to produce optimal results. A rubber dam is recommended to keep the tooth clean and dry.

C-2. Preparing the root canal and cavity

Prepare and clean the root canal and cavity in the usual manner.

C-3. Post preparation

Choose either C-3a or C-3b based on the post used. Please follow the Instructions for Use of the post. In the absence of specific instructions, we recommend the following procedure:

C-3a. For Glass Fiber Posts

Apply K-ETCHANT Syringe to the post surface. Leave it in place for 5 seconds, then rinse and dry.

[CAUTION]

- Do not blast glass fiber posts with alumina powder, or the posts could be damaged.
- Avoid all contamination of the surfaces to be treated during pre-treatment and until the final core build-up.

C-3b. For Metal Posts

Roughen the adherent surface by blasting with 30 to 50 μm alumina powder at an air pressure of 0.2-0.4 MPa (29-58 PSI/ 2-4 bar). The air pressure should be properly adjusted to suit the material. After blasting, clean the prosthetic restoration by using an ultrasonic cleaner for 2 minutes, followed by drying it with an air stream.

C-4. Post surface treatment

Choose either procedure based on the material used.

C-4a. When using with CLEARFIL DC CORE PLUS

1. Dispense the necessary amount of BOND into a well of the dispensing dish immediately before application.
2. Apply BOND to the entire post surface with an applicator brush.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until BOND does not move. Use a vacuum aspirator to prevent BOND from scattering.
   [NOTE]
   To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.

C-4b. When using with other dual- /self-cured resin core materials or dual- /self-cured resin cements

Please follow the Instructions for Use of the materials for post surface treatment. In the absence of specific instructions, we recommend the following procedure:

Post surface treatment is not necessary when using with PANAVIA SA Cement Universal or PANAVIA SA LUTING Multi.

1. **Bottle:** Dispense one drop each of BOND and CLEARFIL DC Activator into a well of a dispensing dish and mix them with an applicator brush.
   [CAUTION]
   Use a light-blocking plate to avoid exposing the mixture to an operating light or ambient light; use within 90 seconds after mixing.
   Unit Dose: Not applicable for this use.

2. Apply the mixture to the post surface.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until the mixture does not move. Use a vacuum aspirator to prevent the mixture from scattering.
   [NOTE]
   To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.
4. Light-cure the mixture with a dental curing unit (See table "Dental curing unit and curing time").
   [CAUTION]
   Working time will be shortened dramatically when not light-curing the mixture on the post.

C-5. Pretreatment of tooth

Apply K-ETCHANT Syringe, as needed. Refer to section A-4.

C-6. Bonding

Choose either procedure based on the material used.

C-6a. When using with CLEARFIL DC CORE PLUS, PANAVIA SA Cement Universal or PANAVIA SA LUTING Multi

1. Dispense the necessary amount of BOND into a well of the dispensing dish immediately before application.
2. Apply BOND with a rubbing motion to the entire cavity wall with the applicator brush. No waiting time is required.
   [NOTE]
   Use caution not to allow saliva or exudate to contact the treated surfaces.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until BOND does not move. Use a vacuum aspirator to prevent BOND from scattering. Remove any excess BOND with a paper point. After wiping away the excess BOND, dry the adherent surface again if necessary.
   [NOTE]
   To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.
4. When using with CLEARFIL DC CORE PLUS, light-cure BOND with a dental curing unit (See table "Dental curing unit and curing time").

C-6b. When using with other dual- /self-cured resin core materials

1. Dispense one drop each of BOND and CLEARFIL DC Activator into a well of a dispensing dish and mix them with an applicator brush.
   [CAUTION]
   Use a light-blocking plate to avoid exposing the material to an operating light or ambient light; use within 90 seconds after mixing.
2. Apply the mixture with a rubbing motion to the entire cavity wall with the applicator brush. No waiting time is required.
   [NOTE]
   Use caution not to allow saliva or exudate to contact the treated surfaces.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until the mixture does not move. Use a vacuum aspirator to prevent the mixture from scattering. Remove any excess mixture with a paper point. After wiping away the excess mixture, dry the adherent surface again if necessary.
   [NOTE]
   To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.
4. Light-cure the mixture with a dental curing unit (See table "Dental curing unit and curing time").
   [CAUTION]
   Working time will be shortened dramatically when not light-curing the mixture in the root canal.

C-6c. When using with other dual- /self-cured resin cements

Please follow the Instructions for Use of resin cements.

C-7. Placing the post and core build-up

Place the post and core build-up using CLEARFIL DC CORE PLUS or other resin material according to the manufacturer's instructions.

When using with PANAVIA SA Cement Universal or PANAVIA SA LUTING Multi

Using a disposable brush tip, spread the excess paste over the coronal base and post head.

When using with another luting cement

Apply BOND to the entire adherent surface according to A-5.

D. Standard procedure IV

[7] Cementation of indirect restorations

When using with Kuraray's self-adhesive cements, the use of CLEARFIL DC Activator is not necessary.

D-1. Conditioning the cavity and abutment tooth (tooth, metal, composite) surfaces

1. Remove the temporary sealing material and temporary cement in the usual manner, and clean the cavity with moisture control.
2. Trial fit the prosthetic restoration to check its fit on the prepared cavity or abutment tooth (tooth, metal, composite). When using a try-in paste to check the color, follow the manufacturer's instructions.

D-2. Surface preparation of prosthetic restorations

Choose either D-2a or D-2b based on the restoration material used. Follow the Instructions for Use of the restorative material. In the absence of specific instructions, we recommend the following procedure:

D-2a. For silica-based glass ceramic (e.g. conventional porcelain, lithium disilicate)

Etch the glass ceramic surfaces with hydrofluoric acid in accordance with the manufacturer's instructions, and thoroughly wash and dry the surface.

D-2b. For metal oxide ceramics (e.g. zirconia), metals or composite resins

Roughen the adherent surface by blasting with 30 to 50μm alumina powder at an air pressure of 0.1-0.4 MPa (14-58 PSI/ 1-4 bar). The air pressure should be properly adjusted to suit the material and/or shape of the prosthetic restoration, using caution to prevent chipping.

After blasting, clean the prosthetic restoration by using an ultrasonic cleaner for 2 minutes, followed by drying it with an air stream.

D-3. Pretreatment of prosthetic restorations

Choose either procedure based on the material used.

D-3a. When using with Kuraray's self-adhesive cements

Move to section D-4.

D-3b. When using with PANAVIA Veneer LC

Treat the adherent surface of the restoration according to the manufacturer's instructions.

D-3c. When using with self-adhesive resin cement without any specific instructions to pretreatment the adherent surface

Follow the Instructions for Use of the resin cement material and the following procedure:

1. **Bottle:** Dispense one drop each of BOND and CLEARFIL DC Activator into a well of a dispensing dish and mix them with an applicator brush.
   [CAUTION]
   Use a light-blocking plate to avoid exposing the material to an operating light or ambient light; use within 90 seconds after mixing.
   Unit Dose: Not applicable for this use.
2. Apply the mixture to the adherent surface.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until the mixture does not move. Use a vacuum aspirator to prevent the mixture from scattering.
   [NOTE]
   - To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.
   - For optimal performance, apply a silane coupling agent (e.g. CLEARFIL CERAMIC PRIMER PLUS) to the surface of the silica-based glass ceramic (e.g. conventional porcelain, lithium disilicate) instead of the mixture, according to the manufacturer's instructions.
4. Light-cure the mixture with a dental curing unit (See table "Dental curing unit and curing time").
   [CAUTION]
   Working time will be shortened dramatically when not light-curing the mixture on the adherent surface.

D-4. Pretreatment of tooth

As necessary, apply K-ETCHANT Syringe. Refer to section A-4.

D-5. Bonding

Choose either procedure based on the material used.

D-5a. When using with Kuraray's self-adhesive cements or PANAVIA Veneer LC

1. Dispense the necessary amount of BOND into a well of a dispensing dish immediately before application.
2. Apply BOND with a rubbing motion to the entire cavity wall with the applicator brush. No waiting time is required.
   [NOTE]
   Use caution not to allow saliva or exudate to contact the treated surfaces.
3. Dry the entire adherent surface sufficiently by blowing mild air for more than 5 seconds until BOND does not move. Use a vacuum aspirator to prevent BOND from scattering.
   [NOTE]
   To dry thoroughly, adjust the air pressure according to the shape and size of the adherent surface.
4. When cementing laminate veneers with PANAVIA Veneer LC, there is no need to light-cure BOND prior to seating the laminate veneers. Curing takes place simultaneously with PANAVIA Veneer LC Paste after seating, during the light curing step. Refer to the instructions of PANAVIA Veneer LC. When cementing inlays or onlays, BOND should be light-cured before seating the restoration. Please confirm the curing time by referencing the table "Dental curing unit and curing time".

D-5b. When using with self-adhesive resin cement without any specific instructions to pretreatment the adherent surface

1. Refer to section D-5a.
2. Light-cure BOND with a dental curing unit (See table "Dental curing unit and curing time").
   [CAUTION]
   Working time will be shortened dramatically when not light-curing BOND on the adherent surface.
   Do not apply this procedure for post cementation and core build-ups because BOND might not light-cured sufficiently.

D-6. Cementing

Cement the prosthetic restoration using Kuraray's self-adhesive cements, PANAVIA Veneer LC or other resin cement according to the manufacturer's instructions.

[NOTE]

When using a partial light-curing (or "Tack-Cure") technique, the setting time of the excess cement will be shorter. BOND may accelerate the curing of the cement. When removing the excess cement, hold the restoration in place to avoid lifting or moving the restoration, since the curing of the resin cement is not yet completed. If dental floss is used to remove the excess, it should be used in the direction that does not lift the prosthetic restoration.

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