

# UltraBond<sup>®</sup> Clear

## Light-Cure Resin Cement



UltraBond<sup>®</sup> Clear is a light-cure resin cement formulated for bonding Lumineers<sup>®</sup>, as well as other porcelain or composite veneers.

### DIRECTIONS FOR CEMENTING VENEERS

#### 1) Veneer Preparation

- After the patient is seated, treat the veneers with Porcelain Conditioner for 30 seconds, rinse and dry well.
- Apply **Cerinate<sup>®</sup> Prime** to the veneers for 30 seconds and blow thin.
- Immediately shield veneers from light until they are seated.

#### 2) Preparation of Tooth Surfaces

- Clean the teeth with a slurry of pumice and water or Porcelain Laminate Polishing Paste.
- Etch teeth for 20 seconds with **Etch 'N' Seal<sup>®</sup>**, rinse and dry.
- Mix together equal amounts of **Tenure<sup>®</sup> A and B**. Apply 5 coats to each tooth. After last coat, allow to sit for 10-15 seconds then gently air dry.
- Apply 1 coat of **Tenure S** and blow to a thin coat.

#### 3) Bonding Veneers

- Apply the **UltraBond Clear** to the prepared veneer, then seat.
- Wipe off gross excess cement and ensure veneer is positioned properly.

**\*Note** do not expose uncured veneers to operatory light for longer than necessary. Extended exposure to high intensity light can prematurely cure the **UltraBond Clear**.

- Tack cure using a curing light such as the **Sapphire<sup>®</sup> Plus PAC** light with a 2mm tip near the mid-incisal edge for 3-5 seconds to stabilize the veneer.
- Repeat bonding steps listed above (a-c) to place the remaining veneers.
- Remove excess uncured cement from all veneers.
- Final cure the buccal and lingual surface of every tooth with 15-20 second exposures using the **Sapphire PAC** light fitted with the 9mm tip. Refer to the manufacturer instructions and "Curing Tips" (below) provided for alternate curing lights.

#### 4) Finishing

At placement appointment only minimal finishing is suggested to finish the DEJ and to remove any excess resin cement. Do not open the embrasures. Maximum bonding occurs in 24 hours. Final finishing should be performed at next visit. We recommend the **Lumineers Finishing Kit** that includes all components listed in the following instructions.

- Clean up any leftover **UltraBond Clear** resin cement using Bur G (or D).
- Use Schure 349 instrument to remove the cured cement along the margins, as well as from the interproximal area along both the facial and the lingual. You may also use Bur G. This bur is an excellent tool for cleaning up residual resin cement and also great for finishing composites.
- Use Bur B to remove the porcelain ledge, if placing prepress or minimally invasive veneers.
- Trim/polish the margins of the porcelain veneer. Use Bur C, an extra-fine diamond, to smooth out porcelain.
- Using the interproximal fine diamond Bur F, known as the "mosquito" diamond, refine the margins along the interproximal area.

- f. Explore the tooth structure next to the veneers to check margins. There should not be a catch (or bump).
- g. If necessary, further polish the margins using the interproximal fine diamond Bur F again.
- h. Check the bite with articulating paper. Use Bur E, the American football-shaped bur, on the lingual to finish the incisal wrap and adjust high spots or length.
- i. Place a wooden wedge interproximally (optional).
- j. Use the **CeriSaw** to separate the teeth. Leave the wooden wedge in place.
- k. Use the **CeriSander** (fine grit) to smooth the interproximal surfaces.
- l. Remove the wooden wedge.
- m. Use the **CeriSander** (ultra-fine grit) to further smooth the interproximal surfaces. It is important that you use each sanding blade only two or three times per tooth to smooth contacts.
- n. Check the interproximal surfaces with dental floss for smoothness.
- o. Polish the new smile with **Porcelain Laminate Polishing Paste** using polishing cup A.

## CURING TIPS:

1. For curing lights with power density greater than 800 mW/cm<sup>2</sup> polymerize from the buccal and lingual for 15-20 second exposures on each area.
2. For curing lights with power density less than 800 mW/cm<sup>2</sup> polymerize from the buccal and lingual for 20-30 second exposures on each area.
3. Curing lights with power density less than 300 mW/cm<sup>2</sup> should not be used.

## STORAGE

**Do not** expose the product to temperatures exceeding 75° F (24° C).

**Do not** expose the product to direct sunlight.

**Do not** freeze product.

Note: Product should be at room temperature prior to use.

## RELATED PRODUCTS AVAILABLE FROM DENMAT

Description	Kit Number
Cerinate Prime (Silane) 5ml .....	1398
Porcelain Conditioner 6g .....	1002A
Porcelain Laminate Polishing Paste .....	4021310
Etch 'N' Seal Syringe Kit - 8pc .....	030402550
Tenure Multi-Purpose Bonding System .....	031146000
Tenure S Dab-Eze.....	031145201
Sapphire Plus Plasma Arc Curing Light.....	033968000
Lumineers Finishing Kit .....	033897100
CeriSaw .....	031336500
CeriSander.....	031337500

