



Resin Cement for Bonding and Masking Tetracycline and Dark Stained Teeth for all Veneers



For
LUMINEERS
BY CERINATE

Refrigerate For Maximum Shelf Life

BLOCK-OUT™ by Ultra-Bond® is a dual-cure resin cement intended for bonding porcelain veneers—especially **LUMINEERS® BY CERINATE®**—and to mask tetracycline or dark stained teeth. **BLOCK-OUT Try-In Pastes** are resin pastes that simulate the shade and opacity of their fully cured **BLOCK-OUT** counterparts and are recommended to check the fit, shade and opacity of the veneers before cementing them with **BLOCK-OUT**.

Precautionary recommendations

1. After placing the auto-mixer tip on the syringe, **always extrude and discard** a 1/4-inch line of material before using to ensure adequate mixing of the material.
2. **Ultra-Bond® Plus Neutral** shade should be used when you want the original tooth shade to shine through. If you want more opacity, use another shade or use with a **Cerinate® Shade Modifier** (Kit No. 033909900).

SIMPLIFIED PROCEDURE TO CONFIRM OR CHANGE DESIRED SHADE

1. Preparation of LUMINEERS®

- a. After the patient is seated, treat the **LUMINEERS** with **Porcelain Conditioner** for 30 seconds, rinse and dry well.
- b. Apply **Cerinate Prime®** to the **LUMINEERS** for 30 seconds and blow thin.
- c. Place **LUMINEERS** back into the case box in their proper slots.

2. Preparation of Tooth Surfaces

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

3. Try-In of LUMINEERS

- a. Syringe the **BLOCK-OUT Try-In Paste** into each of the **LUMINEERS**.
- b. Gently insert the **LUMINEERS** one at a time and use a brush to clean up the excess **BLOCK-OUT Try-In Paste**.

4. **Show Patient** - Hold a mirror approximately 16 inches away from the patient's face and let them examine their smile.
 - a. If the shade is not what you or the patient wants, remove the **BLOCK-OUT Try-In Paste** from the **LUMINEERS** and tooth surface with a **Skubes®** or a clean, dry brush. Reapply a new shade of **BLOCK-OUT Try-In Paste** and check the shade again.
5. **To Remove LUMINEERS After Try-In**
 - a. Use a **Schure 349** instrument or cotton pliers and gently tease the **LUMINEERS** off the tooth surfaces.
 - b. Remove the **BLOCK-OUT Try-In Paste** from the **LUMINEERS** and tooth surfaces with a clean brush. **DO NOT USE Tenure S**.
 - c. **Only use Tenure S to clean up excess once final BLOCK-OUT Try-In Paste has been selected.** Gently thin the **Tenure S** with air. A thin film will be left on both the tooth and porcelain surfaces. Place **LUMINEERS** back into the case box.

Note: There is no need to reapply **Porcelain Conditioner** or **Cerinate Prime** if you are cementing directly after try-in.

BASIC STEP-BY-STEP BONDING FOR LUMINEERS® TO ENAMEL OR DENTIN

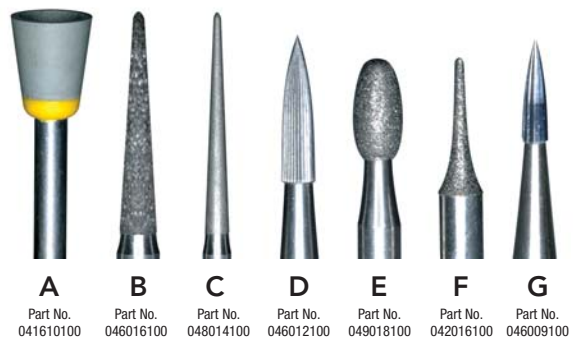
1. Bonding LUMINEERS

- a. Select the appropriate shade of **BLOCK-OUT**.

Note: After color selection is achieved, internal surfaces of **LUMINEERS** do not need to be retreated.

Note: If you have elected to skip **LUMINEERS Try-In**, brush a thin coat of **Tenure S** into each of the **LUMINEERS** and thin with air.

- b. Apply **BLOCK-OUT** to the prepared **LUMINEERS**. **BLOCK-OUT** will self cure in approximately 22 minutes.
- c. After placing, remove excess with soft brush coated with **Tenure S** or **Tenure S Dab-Eze sponges**.
- d. Tack **LUMINEERS** in place using a **Sapphire™ Plasma Arc Curing Light** fitted with 2 mm **CERI-TAPER™** tacking tip or similar instrument for 1 second.
- e. Continue to remove excess cement with soft brush coated with **Tenure S**.
- f. Completely light-cure all **LUMINEERS**, exposing each surface for 5 seconds with a **Sapphire Plasma Arc Curing Light** with the 9 mm curing tip in place.



2. **Finishing** - At placement appointment, only minimal finishing is suggested to finish the DEJ and to remove any excess resin composite. 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** (No. 033897100) that includes all components listed in the following instructions.

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- a. Clean up any leftover **Ultra-Bond**® resin cement using Bur G (or D).
- b. Use **Schure 349** instrument to remove the cured cement along the margins, as well as from the interproximal area along both the facial and 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.
- c. Use Bur B to remove the porcelain ledge.
- d. Trim/polish the margins of the porcelain veneer. Use Bur C, an extra-fine diamond, to smooth out porcelain.
- e. 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 **LUMINEERS**® **BY CERINATE**® 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.

BONDING PORCELAIN TO PORCELAIN

We recommend the use of **PorceLock**® **Porcelain Etchant** as found in the **Revitalize**™ **Supplemental Kit** (No. 032390700), or individual syringe (No. 030402062).

STORAGE

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

Do not expose to direct sunlight.

Do not freeze.

Refrigeration is recommended to maximize shelf life. Bring to room temperature prior to use.

RELATED PRODUCTS AVAILABLE FROM DEN-MAT:

Description	Product Number
LUMINEERS® Placement System	031381100
BLOCK-OUT® By Ultra-Bond® Multi-Shade	032491510
BLOCK-OUT® By Ultra-Bond® Shade A1	032491110
BLOCK-OUT® By Ultra-Bond® Shade Supreme White	032491410
BLOCK-OUT® By Ultra-Bond® Shade B0	032491310
BLOCK-OUT® By Ultra-Bond® Shade B1	032491210
BLOCK-OUT® Try-In Paste By Ultra-Bond® Multi-Shade	031982750
BLOCK-OUT® Try-In Paste By Ultra-Bond® Shade A1	031982400
BLOCK-OUT® Try-In Paste By Ultra-Bond® Shade Supreme White	031982500
BLOCK-OUT® Try-In Paste By Ultra-Bond® Shade B0	031982300
BLOCK-OUT® Try-In Paste By Ultra-Bond® Shade B1	031982100
Ultra-Bond® Plus	032599750
Revitalize™ Supplemental Kit	032390700
Tenure® MPB System Kit	031146000
Sapphire™ Plasma Arc Curing Light	033958000

LIMITED WARRANTY

Den-Mat will replace, or refund the purchase price of, any of its products that are proven to be defective within 30 days of the purchase date. Replacement of defective goods, or refund of the purchase price, shall be the exclusive remedy for the user. Den-Mat will not be liable for any economic, incidental, or consequential loss or damage that arises out of the use of, or the inability to use, its products.

This limited warranty is in lieu of all other warranties, expressed or implied, and shall be void if the product is improperly stored or used. There are no implied warranties of merchantability, fitness for a particular purpose, or otherwise. Before using this product, the user shall determine whether it is suitable for the intended use and the user shall assume all risk and liability associated therewith.

TELEPHONE INQUIRY SERVICE

Technical consultation is available by calling toll-free in the U.S.A. and Canada.

Ordering, inquiry, customer service, technical (800) 445-0345

Cerinate® Studios customer service (800) 872-8384

Domestic fax ordering and inquiry (805) 349-2600

International inquiry (805) 347-7990

International fax ordering and inquiry (805) 349-2607

Websites: www.lumineersdds.com
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