



“Perfect match,
every time,
at the chair”

The **Shade Modification System** by **Cerinate®** provides a selection of colors and opaquers to assure success in obtaining the most desirable, polychromatic shading of natural teeth, composite fillings, porcelain jackets, or veneers. Use **Cerinate Shade Modifiers** in a variety of ways • mask discoloration and characterize composite or porcelain restorations • characterize teeth directly with the layer-and-blend technique and then veneer with a microfill such as **Virtuoso® Sculptable** • slightly modify direct restorative composites for matching natural dentition • or provide occlusal staining or mock gingival tissue.

DIRECTIONS

The following directions refer to several products not included in this kit. Materials referred to below are available in other Den-Mat® kits or individually.

Mixing

1. Blend shades necessary to achieve the desired color (see enclosed Guidelines for Color Correction). Use **Cerinate Clear** to reduce the intensity, if necessary. Shades may be blended on a mixing pad prior to placement or on the tooth prior to curing.

Direct Composite Restorations

1. Apply a bonding agent. (**Tenure®** is recommended).
2. Apply **Cerinate Shade Modifier** to the surface using a sable brush or a fine-tipped instrument. If the surface match is not acceptable, remove the modifier with a brush, mix again and re-apply. When acceptable, light cure (see Step 3).
3. We recommend that you use the curing rings provided to determine the proper curing time for your light.
 - a. Place the composite into the well of the ring, and then level the composite.
 - b. Position the light guide approximately 2 to 5 mm from the surface of the ring.
 - If you are using a Sapphire® Plasma Arc Curing Light, start with a 5-second interval.
 - If you are using an Allegro High-Intensity LED or Phase II High-Speed Halogen Light, start with a 10-second interval.
 - If you have a conventional halogen light, start with 30 seconds.

- c. Use a dental probe to check the underside for completeness of cure.
- d. If necessary, repeat the curing cycle until the underside of the sample is completely cured.
- e. Maintain a log showing the time necessary to cure your favorite composites, including their shades.

Note: For restorations that are deeper than 2 mm, and if you are not using a dual cure material, an incremental placement technique is recommended.

Porcelain Bonded Restorations

1. Layer **Cerinate® Shade Modifiers** onto a silanated porcelain restoration followed by **Ultra-Bond®**. The modifiers can also be mixed directly with **Ultra-Bond** to achieve the desired shades. The modified shade of **Ultra-Bond** can then be placed in the restoration. Proceed with cementation.

TETRAPAQUE® DIRECTIONS

1. On a mixing pad or dappen dish, mix equal parts of the **TetraPaque** shade of choice and **TetraPaque Dual-Cure Initiator**.
2. To the prepared tooth, apply the mixed, dual-cure **TetraPaque** with a fine sable brush. Apply as thinly and smoothly as possible to mask the discoloration.
3. Apply and seat the **Cerinate LUMINEERS®** (or other ceramic veneer) with **Ultra-Bond Plus** luting composite inside the veneer.
4. Cure for the time determined in Step 3 of the *Direct Composite Restorations* section.

TETRAPAQUE PINK DIRECTIONS

TetraPaque Pink neutralizes dark stains such as tetracycline stains and results in a warmer, natural color.

1. Apply **TetraPaque Pink** to the treated tooth surface using a sable brush.
2. Blend **TetraPaque Pink** and observe the color.
3. Light cure **TetraPaque Pink** once the desired shade is achieved.
4. Proceed with bonding of composites or porcelain veneers.

SPECIAL TIPS

For additional information, refer to **Guidelines for Color Correction located in the TetraPaque kit**.

1. To neutralize yellow, orange, or yellow-orange stains, use violet, blue, blue-violet Shade Modifiers, or some combination of these. (There is no formula, but the **Cerinate Shade Modifiers, Ultra-Bond** and **TetraPaque** are sure to offer a combination that works for you).
2. A low-value yellow (gray-yellow) can be neutralized by violet (to neutralize the yellow) and white (either **Cerinate Shade Modifier White** or **TetraPaque Enamel**) to raise the value, therefore, a light violet would be employed.

STORAGE:

Avoid exposure to temperatures exceeding 75°F (24°C).

Do Not expose to direct sunlight.

Do Not freeze.

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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.

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