

3M ESPE

F2000

F2000 Compomer Restorative

ENGLISH

General Information

3M™ ESPE™ F2000 compomer restorative is a one-part, light curable, fluoride releasing, radiopaque paste that has excellent handling characteristics and physical properties. It is available in seven tooth-colored shades (A2, A3, A3.5, A4, B2, B3, C2) and two specialty shades (Pedo, Blue). It is packaged in single-use capsules.

Indications

The F2000 compomer restorative is indicated for:

- Class III cavities
- Class V cavities and cervical erosion/abrasion lesions
- Root caries lesions
- Class II laminate or open sandwich technique
- Class I and Class II cavities in primary teeth
- Temporary repair of fractured teeth
- Core buildup
- Class I and II restorations in permanent teeth, provided the width of the cavities is less than two thirds of the intercuspal distance.

Precautionary Information for Patients

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. Avoid use of this product in patients with known acrylate allergies. If prolonged contact with oral soft tissue occurs, flush with large amounts of water. If allergic reaction occurs, seek medical attention as needed, remove the product if necessary and discontinue future use of the product.

Precautionary Information for Dental Personnel

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. To reduce the risk of allergic response, minimize exposure to these materials. In particular, avoid exposure to uncured product. If skin contact occurs, wash skin with soap and water. Use of protective gloves and a no-touch technique is recommended. Acrylates may penetrate commonly used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. If allergic reaction occurs, seek medical attention as needed.

3M ESPE MSDS information can be obtained from www.3MESPE.com or contact your local subsidiary.

Instructions for Use

- Shade selection:** Select the desired compomer restorative shade using the F2000 compomer restorative shade guide.
For core buildups, the blue shade will provide contrasting color to tooth structure. All compomer restorative shades may be used for core buildups.
- Isolation:** Rubber dam is the preferred method of isolation. Gingival retraction and cotton rolls may be used.
- Cavity preparation:** Remove caries. Prepare cavity with minimal tooth reduction and with rounded internal line angles. If no cavity preparation is required, it is important to clean the surfaces to be restored using a plain pumice/water slurry.
For core buildups, multiple missing cusps may require placement of pins for retention prior to bonding. Rinse and dry cavity.
- Pulp protection:** If there is no exposure of the pulp, no liner is required.
- Matrix placement:** If needed, place a matrix appropriate for the restoration.
- Bonding:** To bond F2000 compomer restorative to tooth structure, use a 3M ESPE dental adhesive system. Refer to adhesive system product instructions for full instructions and precautions for the products.
- Compomer restorative placement:** F2000 compomer restorative is available in single use capsules. Insert capsule into 3M ESPE Restorative Dispenser. Refer to separate restorative dispenser instructions for full instructions and precautions. Extrude restorative directly into cavity.
- Curing:** F2000 compomer restorative is intended to be cured by exposure to a halogen or LED light with a minimum intensity of 400 mW/cm² in the 400-500 nm range. Cure each increment by exposing its entire surface to a high intensity visible light source, such as a 3M ESPE curing light. Hold the light guide tip as close to the restorative as possible during light exposure. The recommended exposure time and maximum increment thickness for each shade is shown below.

Shade	Thickness	Exposure Time
Pedo, A2, A3, B2, B3, C2, Blue	2.5 mm	40 sec.
A3.5, A4	2.0 mm	40 sec.

9. Finishing: The compomer restorative can be finished using conventional rotary instruments immediately after light curing. The 3M™ ESPE™ Sof-Lex™ Finishing and Polishing system and 3M™ ESPE™ Sof-Lex™ Strips are recommended for polishing.

Notes for core buildups:

The compomer restorative is compatible with commonly-used impressioning materials.

The compomer restorative should be kept wet with saliva or lubricated to prevent bonding to chemical-cure provisionals.

Commonly used temporary luting cements will not bond to the compomer restorative.

Storage and Use

This product is designed to be used at room temperature. If stored in cooler allow product to reach room temperature prior to use. Shelf life at room temperature is 36 months. Ambient temperatures routinely higher than 27° C/80° F may reduce shelf life. See outer package for expiration date.

Do not store the product in proximity to eugenol-containing materials.

Do not expose the product to elevated temperature or intense light.

F2000 compomer restorative capsules are sensitive to humidity and should always be stored in the bottle. Remove capsules from the bottle just prior to use.

Disposal – See the Material Safety Data Sheet (available at www.3MESPE.com or through your local subsidiary) for disposal information.

Customer Information

No person is authorized to provide any information which deviates from the information provided in this instruction sheet.

Caution: U.S. Federal Law restricts this device to sale or use on the order of a dental professional.

Warranty

3M ESPE warrants this product will be free from defects in material and manufacture. 3M ESPE MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and 3M ESPE's sole obligation shall be repair or replacement of the 3M ESPE product.

Limitation of Liability

Except where prohibited by law, 3M ESPE will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

3M ESPE Customer Care/MSDS Information:

U.S.A. 1-800-634-2249 and Canada 1-888-363-3685.

3M ESPE

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