

DUAL-CURE RESIN CEMENT

DESIGNED FOR USE WITH VENEERS, INLAYS
AND FULL COVERAGE RESTORATIONS

TOOTH PREPARATION.

Follow usual procedures for tooth preparation. Exposed dentin must be protected by a calcium hydroxide preparation. **tg**filoglas; Glass Ionomer Type II Base or another suitable base can be used to cover the preparation. (**tg**resincem can easily be used to make impressions or temporary restorations). At the placement visit. Remove temporary restorations. Isolate and clean the teeth of any traces of temporary cement. Complete silane or any other treatment of the restorations following their manufacture's procedures.

ETCHING SURFACES.

Apply **tg** etchant to surfaces of teeth using a cotton pellet or brush. Allow to remain for 15 seconds. On primary teeth and teeth high in fluoride, a 90-120 seconds etch is advised. Glass Ionomer base, if used, should not be etched for more than 15 seconds. Flush area completely for 20 seconds. Do not allow patient to rinse entire mouth or permit saliva to touch etched enamel surface. Air dry completely with an oil/moisture-free air source. Surfaces of teeth should have a dull, white, frosted appearance. If not, repeat process allowing etchant to remain on teeth for an additional 15 seconds.

PRIMING SURFACES.

Apply a thin uniform coating of **tg**bond immediately onto each etched tooth surface. Thin the resin coating on the tooth with a gentle stream of oil/moisture-free air. Avoid contact with gingiva or other soft tissue. When using **tg**resincem primer, apply a layer of the porcelain primer on the etched porcelain veneers.

CEMENT MIXING AND APPLICATION.

When using various shades, select the desired shade of the Light-Cure Base Cement. Dispense equal amount of Base and Catalyst on a mixing pad. Both Base and Catalyst should be immediately closed and kept in a cool, dark place. Mix the Base and Catalyst for 10 seconds to get a uniform mix. Coat the prepared teeth and restoration completely with the mixture. Seat the restoration with a slightly rocking motion. Remove excess cement with a brush wetted with the Bonding Resin, leaving a small strand of cement at the margin. Cure the cement with a wide diameter light for 40-60 seconds each on occlusal surface, proximal and gingival margins. Light transmitting wedges will help in gingival curing. Check the margins. Finish and polish the restoration carefully in appropriate manner. Adjust the occlusion, if necessary.

NOTE: Translucent Restorations (those which let through an adequate amount of light) need only be cemented by light-curing with the Base Cement.

STORAGE AND USE.

This system is designed to be used at room temperature of approximately 21°-24°C or 70°-75° F. Shelf life at room temperature is two years for unopened kits and one year for opened kits when syringe and vial caps are replaced immediately after dispensing. Unopened kits can be refrigerated to (40°F -4°C) to extend shelf life. If stored in refrigerator, bring to room temperature prior to use. Do not store materials in proximity to eugenol-containing products. Do not expose materials to elevated temperatures or intense light.



TECHNICAL & GENERAL Ltd. WARNINGS

Intention for use in Luting cement for aesthetic faces, crowns, veneers and inlays in all type of aesthetic material like porcelain, ceramic and composites.

Composition:

Crystalline and fumed silicon dioxide

Bis-gma

Stabilizer

Photo initiators.

Chemical initiators

The dual-cure resin cement is not irritable to the skin. In case of contact with the eyes, wash immediately with abundant water for at least 15 minutes and if the irritation still persist consult a doctor. In case of contact with skin wash the area with soap and water. In case of inhalation clean the nose with water and seek medical assistance. Before the use of these products always use rubber dam.

Some patients can present allergy to the dual-cure resin cement or any of its components. In this case stop its use. Do not store at temperature above 24°C. Close the packages immediately after dispensing of the product.

Keep out of reach of children.

For professional dental use only.

Contraindication: The material must not be used when the application techniques described are not possible.

Warranty: Technical & General Ltd. Warrants the product against any fault of manufacture of the material. Technical & General Ltd., does not take responsibility for the misuse of the product out of the intention for use specified or out of the instructions for use, or out of the precautions, the warnings, and indicated contraindications. Being the only obligation is the replacement of the defective product.

Information: Post-production:

If the use of these products on a patient or any one else causes some anomaly, please send detailed report to Technical & General Ltd.



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NO REFRIGERATION NECESSARY