

**Everest
Instructions for Use**
IMPORTANT

Read this 'Instructions for Use' document before handling. This product is for use by a professional only.
SPECIALLY FORMULATED FOR USE IN DENTISTRY

IDENTIFICATION

A fast setting, high strength glass ionomer restorative. Radiopaque. The cement adheres directly to tooth structure and is especially suited to minimally invasive dentistry. Matches natural fluorescence of enamel.

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| Product Name | Everest |
| Company Name | Perfection Plus Ltd |
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PRODUCT CODE - REF

PP010/1601 – Everest Glass Ionomer 15g Powder Shade / 6ml Liquid A2

INDICATIONS FOR USE

Class V cavities (particularly erosion lesions). Class III cavities. Posterior cavities in deciduous teeth and selected permanent teeth. 'Sticky' pits and fissures. Core build-up. Minimal Intervention (MI) treatment.

INSTRUCTIONS FOR USE

CAVITY PREPARATION: Use minimal tooth reduction whenever possible. Calcium hydroxide liner (PerfectaLINE) needs only to be used in deep cavities. For areas of uncut surfaces, to which adhesion is required, apply tooth cleanser (25% Polyacrylic acid solution) for a maximum of 30 seconds using a pledget of cotton wool. Wash with water and dry with oil-free air. In areas, which are heavily coated with plaque or tartar, use of Oil Free Prophy Paste prior to tooth cleansing is required. If freshly cut dentine or enamel is contaminated with saliva, apply tooth cleanser for 10 seconds only before washing with water and drying with oil free air.

MIXING: The recommended powder-liquid ratio is 2.6:1 mm at 22-24°C and RH 40-60%. Use a clean and dry polished Glass Mixing Slab or Mixing Pad Parchment and a stainless steel 'silicate' spatula. Invert bottle to 'fluff' powder for accurate dispensing. Measure ONE scoop of powder onto glass slab taking care not to compress powder against side of bottle with the scoop. Remove excess powder from the scoop using the straight edge of the semi-circular insert.

Dispense ONE 'bubble-free' drop of liquid onto Glass Slab. Incorporate half the powder into the liquid and mix for 10-15 seconds, then add the remaining powder and spatulate to a uniform putty-like consistency. Total mixing time is 30 seconds. **DO NOT ADD POWDER IN SMALL INCREMENTS.**

WORKING TIME: Around 2 minutes from start of mix at 22-24°C.

CLINICAL SETTING TIME: 2 minutes 30 seconds to 4 minutes 30 seconds from end of mix.

PLACEMENT: Place into cavity using normal instruments. To avoid material adhering to instruments, dip the clean instrument into the powder or methylated spirit. When using stainless steel matrices, coat lightly with petroleum jelly. The use of coated soft aluminium in the form of either interproximal or cervical matrices is recommended, these do not require lubrication. Avoid contamination of filling with saliva or water during placement. Immediately after removal of matrix, apply a thin layer of light-cured resin with a suitable brush and cure for 10 seconds. Alternatively, a varnish may be used. Re-apply glaze or varnish following any subsequent adjustment to ensure optimum aesthetics.

FINISHING: Best results are obtained by polishing with abrasive discs or stones at a subsequent visit using water spray lubrication. At 7 minutes after placement, the material is hard enough to finish using abrasive discs and stones, but petroleum jelly must be used as a lubricant to prevent excess heat and desiccation of cement. For optimum polished surface white stones and alumina discs should be used. After finishing, it is recommended to coat the surface with glaze or varnish for protection from moisture.

WARNING!

Avoid contact of powder, liquid, glaze and tooth cleanser with the eyes. In case of contact, wash thoroughly with water and obtain medical advice.

**Caution**

Should a serious incident in relation to the product occur, it should be reported to the manufacturer and the competent authority.

STORAGE

Store in a cool, dry place (5-25°C). Always replace caps immediately after use.

**Batch code/Expiry Date**

The batch code gives an open date of manufacture in month, year, day format with a numerical suffix to uniquely identify the batch of material. Please quote this batch number in all correspondence. The expiry date is shown in year, month format. Do not use the product after this date.

TESTING

For test purposes, the powder: liquid ratio is 1.30g to 0.50g at $23 \pm 1^\circ\text{C}$. RH $50 \pm 10\%$. ISO 9917 net setting time: 2 minutes to 4 minutes from end of mix at $36-38^\circ\text{C}$.



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