

P+ Fill

Instructions for Use

IMPORTANT

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

IDENTIFICATION

P+ Fill restorative cement powder is a fast-setting glass polyalkenoate material activated by mixing with water. The mixed cement adheres directly to enamel, dentine and cementum.

Product Name	P+ Fill
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PRODUCT CODE- REF

PP010/1531 P+ Fill Glass Ionomer Fast Set 10g Powder - Light Yellow

PP010/1532 P+ Fill Glass Ionomer Fast Set 10g Powder - Universal

PP010/1533 P+ Fill Glass Ionomer Fast Set 10g Powder - Light Grey

INDICATIONS FOR USE

- Class V cavities (particularly erosion lesions).
- Class III cavities.
- Posterior cavities in deciduous teeth.
- 'Sticky' pits and fissures.

INSTRUCTIONS FOR USE

CAVITY PREPARATION: Glass ionomer restoratives, because of their adhesive qualities, can be used with minimal cavity preparation techniques (Adhesion to set amalgam restorations may be useful in certain situations). Cavity liner is required only in the deepest cavities where PerfectaLINE (calcium hydroxide) should be used. In class V erosion lesions, Tooth Cleanser (25% polyacrylic acid solution) should be applied on cotton wool for 30 seconds to clean the tooth surface. Wash with water and dry using oil-free air. In areas which are heavily coated with plaque or tartar, use Oil-Free Prophylaxis paste prior to tooth cleansing. In cut cavities, use of tooth cleanser is not required unless subsequent contamination with saliva occurs.

MIXING: Mix ratio- 2 scoops of powder: 2 drops of water (powder: liquid ratio 7:1 m:m at 22-24°C and 40-60% RH). Invert bottle to fluff powder; this ensures correct scoop weight. Do not compress powder against side of bottle with the scoop. Remove excess powder using a flat spatula blade, again taking care to avoid compressing the powder. To deliver accurate water drops, hold bottle vertically. If water does not drop from the tip of the steel tube, clean this with a tissue. Use a glass mixing slab for best results and a stainless steel 'silicate' spatula. Incorporate half the powder into the water as quickly as possible (5-10 seconds) and then add the remainder and spatulate to a THICK putty-like consistency. Total mixing time 30 seconds. **DO NOT ADD POWDER IN SMALL INCREMENTS.**

PLACEMENT: Apply to cavity using hand instruments (non-stick aluminium instruments are particularly suitable). To avoid cement adhering to steel instruments, dip the clean instrument either into the powder or methylated spirit. If stainless steel matrices are used, they should be lightly coated with petroleum jelly.

WORKING TIME: Minimum 1 minute 20 seconds from start of mix at 22-24°C.

CLINICAL SETTING TIME: Maximum 3 minutes from end of mix.

FINISHING: Best results are obtained by polishing with PoliFLEX or PoliPOP abrasive discs and/or stones using water spray lubrication during a subsequent visit. At 5 minutes after placement, the material is hard enough to finish using PoliFLEX or PoliPOP abrasive discs and stones, but petroleum jelly must be used as a lubricant to prevent excess heat and desiccation of the cement. For optimum polished surface, PoliFLEX or PoliPOP polishing discs should be used. After finishing, the surface should be coated with varnish for protection from moisture.

WARNING!

Avoid contact of cleanser liquid and powder with the eyes. In case of such contact, wash thoroughly with large quantities of water and obtain medical advice as soon as possible.



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. The powder is protected against moisture uptake by a desiccant capsule, but the cap should be replaced immediately after use.



Batch code/Expiry Date

The batch code gives an open date of manufacture in month, year, and 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 1.05g to 0.15g at 23±1°C and 50±10% RH. ISO 9917 net setting time: 2 to 3 minutes from end of mix at 36-38°C.



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