

## Zinc Polycarboxylate Cement

### Instructions for Use

#### **IMPORTANT**

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

#### **IDENTIFICATION**

Adhesive to enamel, dentine and non-precious metals and giving rise to minimal pulpal reaction. Contains fluoride ions. Radiopaque, non-translucent.

|                   |  |
|-------------------|--|
| Product Name      | Zinc Polycarboxylate Cement                                    |
| Company Name      | Perfection Plus Ltd  |
| Company Address   | 6 Westwood Court, Brunel Road, Totton, Hampshire, SO40 3WX, UK |
| Company Phone No. | +44 (0) 2380 866 677   |

#### **PRODUCT CODE**

PP010/0021 Zinc Polycarboxylate Cement 90g Powder  
 PP010/0022 Zinc Polycarboxylate Cement 30ml Liquid

#### **INDICATIONS FOR USE**

Cementation of crowns, bridges, inlays and onlays. Cementation of orthodontic bands and brackets. Base/lining under composite, amalgam or glass-ionomer. Temporary filling.

#### **CONTRAINDICATIONS**

Pulp Capping

#### **INSTRUCTIONS FOR USE**

##### **Proportioning:**

Invert the powder bottle to fluff the contents, this ensures correct scoop weight. Lightly fill the scoop with powder - do NOT compress against side of the bottle. Remove excess powder with a flat spatula blade. To dispense accurate drops of liquid, hold the bottle vertically and squeeze gently.

##### **Mix ratio:**

Cementation: 1 scoop powder: 2 drops liquid (powder: liquid ratio 2.6:1(mm) at 22-24°C, 40-60% R.H.)

Base/Liner/Temporary filling: 1 scoop powder: 1 drop liquid (powder: liquid ratio 5.2:1(mm) at 22-24°C, 40-60% R.H.)

**Mixing:** Incorporate the powder into the liquid in three increments at 10 second intervals and spatulate thoroughly. The consistency of the cementation mix is that of thick cream and the higher ratio is that of a putty. Mix at 22-24°C. For best results, a clean, dry glass slab and stainless-steel spatula should be used.

Mixing time: 30 seconds for both consistencies

##### **Working time:**

Cementation: 1 minute 30 seconds (minimum) from start of mix.

Base/Liner/Temporary filling: 1 minute 10 seconds (minimum) from start of mix at 22-24°C and 40-60% R.H.

Clinical Setting Time: A maximum of 7 minutes from start of mix for both ratios.

**Application:** For cementation apply to restoration and seat as quickly as possible. As base or restorative, place in cavity in thick section. Excess cement may be removed immediately or when hardened. Clean instruments immediately on completion.



#### **WARNING!**

Liquid contains polyacrylic acid. Avoid contact of liquid and powder with skin, oral mucosa and eyes. In the event of contact rinse with copious quantities of water and seek medical assistance. Do not expose patients or users known to be allergic to this type of material.

##### **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. 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 ratios are: 1.30g:0.50g (2.6:1) and 1.30g:0.25g (5.2:1) at 22-24°C and 40-60% R.H.

ISO9917 Net setting time:

Cementation: 2 minutes 30 seconds- 6 minutes 30 seconds at 37°C

Base/Liner/Temporary Filling: 2 minutes- 6 minutes at 37°C



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