

**DENTAL EXPRESS  
ZINC PHOSPHATE CEMENT**  
IS09917-1:2007 CLASS 4.2.a



**INDICATIONS:**

1. Cementation of crowns, bridges, inlays and onlays.
2. Cementation of orthodontic bands.

**MIXING:**

The powder: liquid ratio is 1.8:1 (m:m) or 3.0:1 (m:v) at 23±1°C and 50 ± 10% R.H. Dispense powder and liquid onto clean, dry glass slab – PAPER PADS AND PLASTIC BLOCKS ARE NOT SUITABLE. Divide powder into six parts. Add one part to the liquid and spatulate thoroughly for 15 seconds using a 'silicate' or stainless steel spatula. Repeat procedure for remaining portions. Total mixing time 1½ minutes. Using excess powder or rapid mixing without dissipating heat by spreading cement over slab, will shorten the working and setting time. A smooth creamy consistency should be obtained.

**WORKING TIME:**

No less than 45 seconds from end of mix at 22-24°C, 40-60% R.H.

**CLINICAL SETTING TIME:**

A maximum of 7 minutes from end of mix.

**APPLICATION:**

Both tooth and metal surfaces must be clean, dry and free from contamination. Apply cement to restoration band or bracket and seat in place as quickly as possible. Optimum properties are obtained by maintaining compression while the cement is setting. Remove excess only after cement has set.

**WARNING:**

Liquid contains Phosphoric Acid. **CORROSIVE.** Causes burns. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

**BATCH CODE:**

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. This number must be quoted in all correspondence.

**STORAGE:**

Store powder and liquid in a cool, dry place 5-25°C.

**TESTING:**

For test purposes, the powder liquid ratio is 1.80g to 1.00g at 23 ± 1 C and 50 ± 10% R.H.

ISO 9917 net setting time: A maximum of 6 minutes 30 seconds from end of mix at 36 to 38°C.

**SPECIALLY FORMULATED FOR USE IN DENTISTRY**

**PRESENTATIONS:** Powder 90g 120112  
Liquid 30ml 120113

Distributed by: Distribuido por:

Distribue par: Vertrieb durch:

DE Healthcare Products., Gillingham ME8 0SB U.K.

Denver PA 17517 USA

**Made in England  
Code 8030  
2009-04**

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