

# ELITE CEMENT 100

## ZINC PHOSPHATE LUTING CEMENT

Prior to use, carefully read  
the instructions for use.

For use only by a dental professional in the  
recommended indications.

### RECOMMENDED INDICATIONS

Cementation of crowns, bridges and inlays.

### CONTRAINDICATIONS

1. Pulp capping.
2. In rare cases the product may cause sensitivity to some persons. If such reactions are experienced, discontinue the use of the product and refer to a physician.



## DIRECTIONS FOR USE

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### 1. POWDER AND LIQUID DISPENSING

- a) The standard powder to liquid ratio is 1.45g / 0.5mL. 1 level No.3 scoop with 3 drops of liquid or 1 No.5 scoop with 5 drops of liquid.
  - b) For accurate dispensing of powder, lightly tap the bottle against the hand. Do not shake or invert.
  - c) Hold the liquid bottle vertically and squeeze gently.
  - d) Close bottles immediately after use.
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### 2. MIXING

- a) Dispense powder and liquid onto a heavy glass slab.
- b) Using a stainless steel spatula divide the powder into 3 equal portions.  
Incorporate one portion of powder into ALL the liquid and spatulate thoroughly for 10 seconds.

Successively incorporate the remaining portions and spatulate thoroughly. The total process should take 60-90 seconds.

Working time is 3-4 minutes from start of mixing (Temperature :  $23\pm 1^{\circ}\text{C}$ , Relative humidity :  $50\pm 10\%$ ).

Note :

The correct consistency is obtained when the mixture lifted with the spatula is drawn out into a slender peak, breaks and resettles slowly into the main mass.

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### 3. CEMENTATION TECHNIQUE

- a) Prepare tooth using standard techniques.
- b) Clean with pumice and water only.  
Wash and dry but DO NOT DESICCATE.  
DO NOT REMOVE SMEAR LAYER. For pulp capping use calcium hydroxide.
- c) Clean and dry inside of casting.
- d) Mix the required amount of cement.
- e) Coat internal surface of restoration with 1mm of cement and start to seat within 30 seconds of completing mix. (DO NOT OVERFILL). Higher temperatures will shorten working time.
- f) Net setting time is 7 minutes 10 seconds from end of mixing. Remove excess cement at the first formation of gel stage.

### SHADE

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Light yellow

### STORAGE

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Store at temperature of 4-25°C (39.2-77.0°F).  
(Shelf life : 3 years)

### PACKAGE

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1-1 Package : 35g powder, 30g (18mL) liquid,  
powder scoop  
ISO 9917 : 1991 (E) (Dental water based cements)

## CAUTION

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1. In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.
2. In case of contact with eyes, flush immediately with water and seek medical attention.
3. Do not store with eugenol cements.



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