

Cem - Zinc

Zinc phosphate cement



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CE 0123

1. Product description & main ingredients

D Tech Zinc Phosphate Cement is specially formulated for superior strength, resistance to dissolution, and oral retention.

Main ingredients

Zinc Phosphate powder & Mineral acid aqueous liquid.

2. Indications

2.1 Luting of crown, bridges and inlays.

2.2 Orthodontic work

2.3 Underfilling, temporary fillings.

3. Contraindications

3.1 Capping of exposed pulp.

4. Precautions (please read carefully before use)

4.1 Warning

D Tech Zinc Phosphate Liquid contains phosphoric acid, a corrosive liquid. Avoid contact with eyes and skin. If contact is made, immediately flush with a copious amount of water for at least 15 minutes. Seek medical attention.

4.2 General Precaution

4.2.1 The liquid contains phosphoric acid and is corrosive. In the event of accidental eye contact, rinse immediately with large quantities of water.

4.2.2 In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

4.2.3 Irritation of the pulp may occur following the cementation and in the case of the mixture being used as an underfilling.

4.2.4 The paste should never be applied directly onto dentine near to pulp or onto exposed pulp.

4.3 Sensitivity

Allergic or pre-existing skin, eye and respiratory conditions may be aggravated by exposure to this product.

5. Application Method

5.1 Dispensing Instruction

5.1.1 Luting Consistency:

Dispense 2 level scoop of powder using the measuring scoop provided & 3 drops of liquid

5.1.2 Underfilling Consistency:

Dispense 3 level scoop of powder using the measuring scoop provided & 3 drops of liquid

5.2 Processing Recommendations:

5.2.1 A clean, dry glass slab at 18°C - 20°C and a Stainless-steel spatula are recommended.

5.2.2 For best result mix on cool glass slab with a metal spatula.

5.3 Mixing

5.3.1 Divide the measured quantity of powder into four individual portions in order to achieve a homogenous consistency. Begin with the smallest quantity, quickly mix the powder into the measured liquid, a portion at a time.

5.3.2 The filling consistency has been reached when on lifting the spatula, the drawn-out peak forms a small hook and does not sink back into the paste.

5.3.3 The setting consistency has been reached when the peak formed on lifting the spatula slowly falls back into the paste.

5.3.4 Discard remaining powder or impure liquids. Dentin area near pulp must be protected.

5.4 Technical Data

Mixing Time @ 23°C from start of mixing	1.00 min
Working Time @ 23°C from start of mixing	1.30 min
Setting Time @ 23°C from start of mixing	4.00 min

6. Packaging & Variants

- Bottle of 30g Cem Zinc powder
- Bottle of 15g Cem Zinc liquid.
- Spoon

Shades:

Light Yellow

7. Storage & Handling:

Store at temperature of 5-30°C (41-86.0°F).

(Shelf life: 2 years from date of manufacture).

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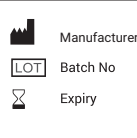
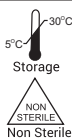
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