

# ZINC LUTE

## Zinc Phosphate Cement

### TECHNICAL & SAFETY INSTRUCTIONS FOR USE



**Product Description:** Zinc Phosphate cement is a two component product i.e. Powder and liquid, which contains inorganic metal salts and phosphoric acid respectively.

**Application:** Zinc phosphate cement is used for cementations of crowns, bridges, inlays and orthodontic brackets. Cavity lining under all restorative materials temporary fillings, direct or indirect pulp capping.

**Composition:** Powder - Zinc oxide, Magnesium oxide, Strontium chloride, Tannic acid, Liquid- ortho phosphoric acid and excipients.

**Methods of use:** Fluff the powder by shaking powder bottle before use. Disperse 1 spoon full of powder and level the powder to the edges of the spoon and 3 drops of bubble free liquid on a glass mixing slab or mixing pad at room temperature ranging from 21-25C. Powder is added in small increments with liquid. Mixing is done in circular motion using a plastic or stainless steel spatula until homogeneous mix is order to dissipate the exothermic heat, total mixing time should not exceed 60 second. When filling consistency of cement is reached than zn lifting the cement from spatula the drawn out peak forms a small hook and does not sink back into the paste. Thoroughly rinse the tooth surface with water and gently air dry. Apply thin layer of Zinc Phosphate cement over the tooth structure and the interfacing metal surface before they are joined. For maximum bond strength Zinc Phosphate Cement must be allowed to set while metal and repaired tooth surfaces are compressed together. Therefore it is advised that the patient bites hard onto a cotton ball without periodic relaxation. Biting hard will remove excess cement and reduces the film thickness and improve the bond.

**Storage:** Store at room temperature between 10- 35 C. Protect from direct sunlight. Close the container carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in cool & dry place

**Disposable conditions:** To be disposed off based on the prevailing rules of the country in which it is used.

**Disclaimer:** The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instruction of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.

**Warning:** Avoid prolonged or repeated contact with skin (allergic contact dermatitis) and eyes. Avoid prolonged inhalation. Do not take it internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

**Presentation :** 1 x 30 gm, 1 x 15 ml, Ref No. RD14-03, 1 x Mixing Pad, 1 x Spoon.

**Shelf Life:** 3 years from the date of Manufacturing.

**NOTE: TO BE USED BY DENTAL PROFESSIONALS ONLY.**

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Symbol for "BATCH CODE" Symbol for "USE BY" Symbol for "NON STERILE" Symbol for "KEEP DRY" Symbol for "CAUTION"  
 SYMBOL FOR EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE Symbol for "KEEP AWAY FROM SUNLIGHT"  
 Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER NAME & ADDRESS" Symbol for "CONSULT INSTRUCTION FOR USE" Symbol for "CATALOGUE NUMBER" Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"  
 Symbol for "TEMPERATURE LIMITATION"

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