

# AHL

## ZCem Carb

Zinc Polycarboxylate Cement (Powder/Liquid)

ISO 9917-1

### DIRECTIONS FOR USE

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

#### INDICATIONS:

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

#### PROPORTIONING OF POWDER AND LIQUID:

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 45-55% R.H.

CLINICAL SETTING TIME: A maximum of 7 minutes from start of mix at 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.

#### STORAGE:

Store in cool dry place. Always replace caps immediately after use.

#### WARNING:

Liquid contains polyacrylic acid. Avoid contact of liquid and powder with eyes. In the event of contact rinse with copious quantities of water and seek medical assistance.

#### BATCH CODE:



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.

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.

ISO 9917-1 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.

#### SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF: AH0700 90g Powder / 30ml Liquid



 Advanced Healthcare Ltd., Tonbridge, Kent, TN11 8JU, UK  
Tel: +44 1892 870500 Fax: +44 1892 870482

Advanced Healthcare Ltd operate a policy of continuous monitoring and improvement of our products. If you have any comments about this product, please contact us at the above address stating the batch number shown on the packaging.

2017-02

AP8837

