

## GLASS IONOMER LUTING CEMENT (POWDER/LIQUID)

ISO 9917-1:2007 Class 4.2a & 4.2b

### DIRECTIONS FOR USE

Adheres chemically to tooth substance and non-precious alloys, which gives maximum secure retention. Rapidly increasing pH during setting produces excellent incompatibility. Contains fluoride ions.

#### INDICATIONS:

For cementing crowns, bridges, inlays, and onlays. For cementing orthodontic brackets and bands.

#### MIXING:

The recommended powder: liquid ratio is 2:1 (mm) at 22-24°C and 40-60% R.H. The use of a clean dry, polished glass slab or paper pad and a stainless steel "Silicate" spatula is recommended. Invert bottle to "fluff" powder for accurate dispensing. Measure ONE scoop of powder onto a glass slab or paper pad, taking care not to compress powder against side of bottle with the scoop. Remove excess powder from the scoop using the straight edge of the spatula. Dispense ONE "bubble-free" drop of liquid onto the glass slab or paper pad. Incorporate half the powder into the liquid and mix for 15 seconds, then add the remaining powder and mix to a uniform syrup-like consistency. Total mixing time is 30 seconds.

DO NOT ADD POWDER IN SMALL INCREMENTS.

WORKING TIME: 1 minute 30 seconds minimum from start of mix at 22-24°C and 40-60% RH. CLINICAL SETTING TIME: A maximum of 6.5 minutes from start of mix.

#### APPLICATION:

Apply the mixed cement immediately on completion of mix. Excess cement may be removed immediately or after cement has set. DO NOT attempt to remove excess cement whilst cement is in the "Rubbery" phase of setting (between 1.5-6 minutes from start of mix) as adhesion may be impaired. Wipe the filling instrument/spatula clean immediately.

#### STORAGE:

Store powder in a cool, dry place. The powder is protected against moisture uptake by a desiccant capsule, since moisture ingress can adversely affect the shelf life. Always replace cap immediately after use. If desiccant becomes pink, discard the product.

#### WARNING:

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.

#### TESTING:

For test purposes, the powder: liquid ratio is: 1.00g: 0.50g at 22-24°C. and 40-60% R.H. ISO 9917 Net Setting Time: A maximum of 5 minutes 30 seconds from end of mix at 36-38°C.

### SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF: 026X1 30g Powder / 15ml Liquid



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*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.*

Caution: U.S. Federal Law restricts this device to sale by or on the order of a dental professional.