

GLASS IONOMER LUTING CEMENT (WATER MIX)

ISO 9917-1:2007 Glass Polyalkenoate Class 4.2a

DIRECTIONS FOR USE

FEATURES:

Adheres chemically to tooth substance and non-precious alloys to optimise retention. Rapidly increasing pH during setting produces excellent biocompatibility. Contains fluoride ions. Superb translucency for optimum aesthetics under glass-ceramic and porcelain jacket crowns.

INDICATIONS:

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

MIXING:

The recommended powder: liquid ratio is 3.6:1 mm at 22-24°C and RH 40-60%. Use a clean and dry polished glass slab and a stainless steel flat-bladed spatula. Invert bottle to "fluff" powder for accurate dispensing. Measure ONE scoop of powder onto glass slab, taking care not to compress powder against side of bottle with the scoop. Remove excess powder from the scoop using a flat-bladed spatula. Dispense TWO drops of WATER onto slab. To deliver accurate water drops, hold bottle vertically. If water does not drop from the "tip" of steel tube, clean with a tissue. Divide powder into two equal portions and incorporate half the powder into WATER and mix for 10-15 seconds, then add remaining powder and spatulate to a creamy consistency. Total mixing time is 30 seconds. **DO NOT ADD POWDER IN SMALL INCREMENTS.**

WORKING TIME: A minimum of 1 minute 45 seconds from start of mix at 22-24°C.

CLINICAL SETTING TIME: A maximum of 6 minutes from end of mix.

PLACEMENT:

Apply the cement on completion of mix. Using normal instruments. Excess cement may be removed immediately or after cement has hardened. **DO NOT ATTEMPT TO REMOVE CEMENT WHILST IN RUBBERY PHASE AS ADHESION MAY BE IMPAIRED.** Clean instruments immediately on completion.

WARNING:

Avoid contact of powder and mixed cement with eyes. In case of contact, wash thoroughly with water and obtain medical advice.

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 caps immediately after use.

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 ratio is: 1.08g to 0.30g at 23±1°C RH 50±10%.

ISO 9917 net setting time: A maximum of 5 minutes from end of mix at 36-38°C.

SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF:	081X2	15g Powder
	081X3	30g Powder



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.

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