

GLASS IONOMER AESTHETIC RESTORATIVE (HUMID STABLE)

ISO 9917-1:2007 Glass Polyalkenoate Class 4.2c

DIRECTIONS FOR USE

FEATURES:

Adheres chemically to enamel, dentine and cementum. Contains fluoride ions. Coefficient of thermal expansion close to tooth. Suitable for use with minimal cavity preparation techniques. A fast setting Glass Ionomer with excellent translucency and optimum aesthetics.

INDICATIONS:

Use in ART technique.
Class V cavities (particularly erosion lesions).
Class III cavities.
Posterior cavities in deciduous teeth.
'Sticky' pits and fissures.
Free-hand veneering.

CAVITY PREPARATION:

Use minimal tooth reduction whenever possible. Calcium hydroxide liners need only be used in deep cavities. If required, apply Toothcleanser (25% Polyacrylic acid solution) for up to a *maximum* of 30 seconds. Wash with water and dry with oil-free air.

MIXING:

The recommended powder-liquid ratio is 3:1 mm at 22-24°C and RH 40-60%. Use a clean and dry polished glass slab or paper pad and a stainless steel 'silicate' spatula. Invert bottle to 'fluff' powder for accurate dispensing. Measure TWO level scoops of powder onto glass slab.

Dispense ONE 'bubble-free' drop of liquid onto glass slab. Incorporate half the powder into the liquid and mix for 10-15 seconds, then add the remaining powder and spatulate to a uniform putty-like consistency. Total mixing time is 30 seconds. **DO NOT ADD POWDER IN SMALL INCREMENTS.**

Working time: 1 minute 30 seconds to 2 minutes 30 seconds from start of mix at 22-24°C.

Clinical setting time: Maximum of 3 minutes 30 seconds from end of mix.

APPLICATION:

Place into cavity using normal instruments. Avoid contamination of filling with saliva or water during placement. Best results are obtained by polishing with abrasive discs or stones at a subsequent visit using water spray lubrication. However, at 7 minutes after placement, the material is hard *enough* to finish using abrasive discs and stones, but petroleum jelly *must be used* as a lubricant to prevent excess heat and desiccation of cement. After finishing, it is recommended to coat the surface with light cure glaze or varnish for protection from moisture.

WARNING:

Avoid contact of powder, liquid, glaze and Toothcleanser with the eyes. In case of contact, wash thoroughly with water and obtain medical advice.

STORAGE:

Store in a cool, dry place (5-25°C). 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. If desiccant becomes pink, discard the product.

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 0.60g to 0.20g at 23 ± 1°C. RH 50±-10%. ISO 9917 net setting time: 2 minutes to 3 minutes from end of mix at 36-38°C.

SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF:	261XA1PL	10g Powder Shade A1 / 5ml Liquid
	261XA2PL	10g Powder Shade A2 / 5ml Liquid
	261XA3PL	10g Powder Shade A3 / 5ml Liquid
	261XA3.5PL	10g Powder Shade A3.5 / 5ml Liquid
	261XB2PL	10g Powder Shade B2 / 5ml Liquid
	261XB4PL	10g Powder Shade B4 / 5ml Liquid
	261XC3PL	10g Powder Shade C3 / 5ml Liquid
	261XCBPL	10g Powder Shade CB / 5ml Liquid
	261XA130	30g Powder Shade A1 / 15ml Liquid
	261XA230	30g Powder Shade A2 / 15ml Liquid
	261XA330	30g Powder Shade A3 / 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.