

## GLASS IONOMER AESTHETIC POSTERIOR RESTORATIVE (CAPSULES)

ISO 9917-1:2007 Glass Polyalkenoate Class 4.2.c

### DIRECTIONS FOR USE

#### FEATURES:

A fast setting, high strength glass ionomer restorative with excellent aesthetics. Radiopaque. The cement adheres directly to tooth structure and is especially suited to minimally invasive dentistry. Contains a high level of fluoride. Matches natural fluorescence of enamel.

#### INDICATIONS:

Class V cavities (particularly erosion lesions).  
Class III cavities.  
Posterior cavities in deciduous teeth and selected permanent teeth.  
'Sticky' pits and fissures.  
Core build-up.  
Minimal Intervention (MI) treatment.

#### CAVITY PREPARATION:

Use minimal tooth reduction whenever possible. Calcium hydroxide liners need only to be used in deep cavities. For areas of uncut surfaces, to which adhesion is required, apply Toothcleanser (25% Polyacrylic acid solution) for a *maximum* of 30 seconds using a pledget of cotton wool. Wash with water and dry with oil-free air. In areas, which are heavily coated with plaque or tartar, Prophylaxis with oil free Prophypaste prior to tooth cleansing is required. If freshly cut dentine or enamel is contaminated with saliva, apply Toothcleanser for 10 seconds only before washing with water and drying with oil free air.

#### MIXING:

It is recommended that you shake the capsule or tap it against a hard surface to ensure the powder is not compacted inside the capsule. Push the plunger until it is flush with the main body. Quickly place the capsule into a capsule applicator and click the lever once. The capsule is now activated.

**PLEASE NOTE:** It is important to activate the capsule just prior to placing in a mixer and it should be used immediately when mixed. Once activated remove the capsule from the applicator and place in suitable capsule mixer (or an amalgamator) and mix for 10 seconds.

#### PLACEMENT:

Once the mixer has stopped, immediately remove the capsule from the mixer and place it in the capsule applicator. Prime the capsule by squeezing the applicator until the material starts to extrude from the tip. Now start placing the glass ionomer material in the cavity as desired.

#### FINISHING:

Best results are obtained by polishing with abrasive discs or stones at a subsequent visit using water spray lubrication. It is possible to start the finishing and contouring process after 3 minutes from start of mixing but optimum aesthetics and hardness are achieved after 7 minutes from start of mixing. It is recommended to use petroleum jelly as a lubricant to prevent excess heat and desiccation of cement. For optimum polished surface white stones and alumina discs should be used. After finishing, it is recommended to coat the surface with 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).

#### 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 1.30g to 0.50g at 23 ± 1°C. RH 50±10%.

ISO 9917-1 Net Setting Time: 2 minutes to 4 minutes from end of mix at 36-38°C.

Average Contents Per Capsule: 0.38g Powder and 0.12g (0.10ml) Liquid.

Minimum Net Volume of Mixed Cement Per Capsule: 0.165ml.

#### SPECIALLY FORMULATED FOR USE IN DENTISTRY

<b>REF:</b>	328XA2	50 x Capsules A2
	328XA3	50 x Capsules A3
	328XA3.5	50 x Capsules A3.5



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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.  
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