

## Glass Ionomer Aesthetic Posterior Restorative (Capsules)

ISO 9917-1 Glass Polyalkenoate Class 4.2c Radiopaque

### 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, it is recommended to apply AHfil TC Tooth Conditioner 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 AHfil TC Tooth Conditioner for 10 seconds only before washing with water and drying with oil free air.

#### MIXING:

1. Remove a capsule from an aluminium bag immediately before mixing. Tap gently on a hard surface to loosen any compacted powder.
2. Rotate the plunger clockwise until it stops securely (30°)(Fig.A).

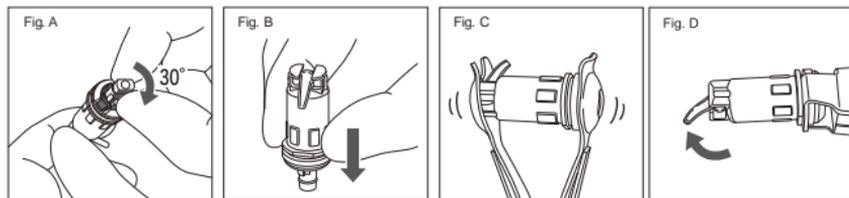
#### • Ensure you do not lift the nozzle before mixing.

3. Press the plunger completely to ensure that all of the liquid is pressed into the powder (Fig.B)
4. Insert the capsule into the mixer and mix for 10 sec. (frequency: 4000 rpm or more). (Fig.C).

• **Important-** the capsule should not be pressed by the applicator before mixing.

#### APPLICATION

1. After mixing, remove the capsule from the mixer immediately. Then, place it into the applicator.
2. Lift the nozzle completely to dispense the paste (Fig.D).
- If the nozzle is not lifted completely, the paste cannot be dispensed correctly.
3. Dispense and apply the material to the restoration within 30 seconds after mixing.



#### **DO NOT LIFT THE NOZZLE BEFORE MIXING**



The capsule may only be used once due to hygienic reasons (prevention of cross-contamination between patients).

#### 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 tooth conditioner 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: 0.27g Powder and 0.11g Liquid.

Minimum net volume of mixed cement per capsule: 0.144mL

#### SPECIALLY FORMULATED FOR USE IN DENTISTRY



|        |            |
|--------|------------|
| AH0150 | Shade A2   |
| AH0151 | Shade A3   |
| AH0152 | Shade A3.5 |



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.  
2018-01 AP9579