

# AHL

## AHlute ortho

Glass Ionomer Orthodontic Cement (Water Mix)

ISO 9917-1:2007 Glass Polyalkenoate Class 4.2a

### DIRECTIONS FOR USE

#### FEATURES:

Adheres chemically to tooth substance and non-precious metals to optimise retention. Rapidly increasing pH during setting provides excellent biocompatibility. Contains fluoride ions.

#### INDICATIONS:

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

#### MIXING:

The recommended powder: liquid ratio is 3.6:1 m:m at 22-24°C and RH 40-60%. Use a clean and dry polished glass slab or paper pad and a stainless steel flat-bladed spatula. Invert bottle to "fluff" powder for accurate dispensing. Measure ONE scoop of powder onto glass slab or paper pad, taking care not to compress powder against side of bottle with the scoop. Remove excess powder from scoop, using a flat-bladed spatula. Dispense TWO drops of WATER onto slab or pad. To deliver accurate water drops, hold bottle vertically. If water does not drop from the "tip" of steel tube, clean this 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. If desiccant turns pink, discard the product. 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: AH0450 30g Powder Shade White



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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.

2017-02

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