

## H2O Cem

### Instructions for Use

#### IMPORTANT

Read this 'Instructions for Use' document before handling. This product is for use by a professional only.

#### **SPECIALLY FORMULATED FOR USE IN DENTISTRY**

#### IDENTIFICATION

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.

Product Name	H2O Cem
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#### PRODUCT CODE - REF

PP010/1550 – H2O Cem 30g Powder

#### INDICATIONS FOR USE

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

#### INSTRUCTIONS FOR USE

**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 mixing 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, liquid, glaze and tooth cleanser with the eyes. In case of contact, wash thoroughly with water and obtain medical advice.



*Wear protective gloves, clothing and suitable eye and face protection.*

*May cause skin irritation. Seek medical assistance if irritation persists.*

*This product contains Polyacrylic Acid and should therefore not be used on patients with a known sensitivity to this material.*

#### Caution



Should a serious incident in relation to the product occur, it should be reported to the manufacturer and the competent authority.

#### CONTRAINDICATIONS

*Pulp capping*

#### 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/Expiry Date

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.

#### TESTING

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.



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