

HY-BOND CARBO CEMENT

PRECAUTIONS FOR DENTAL PERSONNEL AND PATIENTS

1. Do not use this product on patients with known allergies to this product or polycarboxylate cement.
2. Operators with known allergies to this product or polycarboxylate cement must not use this product.
3. This product is intended for use by dental professionals only.
4. If any inflammation or other allergic reactions occur on either the patient or operator, immediately discontinue use and seek medical advice.
5. The liquid and mixture of this product should not come in contact with intraoral soft tissue, skin or eyes. In case of accidental contact with intraoral soft tissue or skin, immediately blot with alcohol moistened cotton ball and rinse with plenty of water. In case of contact with eyes, immediately flush the eyes with plenty of water and seek medical advice.

INDICATIONS

1. Cementation of crowns, bridges, inlays
2. Lining of cavities and lesions

DIRECTIONS FOR USE

1. Dispensing Powder and Liquid

- ① For cementation (Standard Powder/Liquid Ratio: 2.2g / 1.0g)

Dispense one level scoop of Powder using the measuring scoop provided and three drops of Liquid, separately.

- ② For lining (Standard Powder/Liquid Ratio: 3.2g / 1.0g)

Dispense one level scoop of Powder using the measuring scoop provided and two drops of Liquid, separately.

2. Mixing

Dispense Powder and Liquid onto a mixing pad or glass slab. Divide dispensed powder into 2 equal portions; introduce the first half to the dispensed liquid and mix for 15 to 20 sec. with spatula. Then, add the remaining half and mix until it becomes homogeneous paste. Mixing temperature : $23\pm 1^{\circ}\text{C}$ ($73.4\pm 1.8^{\circ}\text{F}$)

Mixing time : Within 60 sec.

Working time and setting time for cementation and lining

	Cementation	Lining
Working time	3 mins	2 mins
Setting time	4 mins	3 mins

3. Cementation

Clean the surfaces of restoration and natural tooth to be cemented and dry. Apply the cement mixture following the conventional method.

4. Lining

Perform lining following the conventional method.

NOTE ON USE

1. Always use the measuring scoop provided. Level off the powder with built-in leveler for accurate dispensing.
2. Invert the liquid bottle prior to use to dispense drops of bubble-free liquid.
3. Remove any liquid plugging the opening of the nozzle with wet gauze etc for accurate measuring.
4. Tightly close the bottle caps (powder and liquid) immediately after each use. Use extra caution to keep the powder away from any moisture.
5. Viscosity of the mixture might vary depending on the measurement error and/or the room temperature. Adjust the mixture to obtain ideal viscosity.
6. Apply the mixture before it loses luster.
7. Remove excess material quickly with wet gauze etc before it gets hardened.
8. In the case where pulp is exposed or the affected area is close to the pulp, cap the pulp with pulp capping agent (calcium hydrate etc).
9. Do not use this product for any purposes other than specifically outlined in INDICATIONS in these instructions for use.
10. Use this product within the expiration date indicated on the package and container.
(Example ☞ YYYY - XX → Shelf life: at the end of XX month, YYYY year)

STORAGE

1. Store at room temperature ($1-30^{\circ}\text{C}$ / $34-86^{\circ}\text{F}$). Avoid high humidity and keep away from direct sunlight.

COMPOSITION

POWDER: Zinc oxide, Magnesium oxide, HY Agent and others

LIQUID: Acrylic acid-tricarboxylic acid co-polymer, Tartaric acid and Distilled water

PACKAGING

HY-Bond Polycarboxylate Cement

1-1 SET : POWDER: 60g, LIQUID 33mL (40g), Measuring scoop, Spatula and mixing pads : 1 each

POWDER : 60g (No measuring scoop provided)

LIQUID : 33mL (40g)

HY-BOND CARBO CEMENT

1-1 SET : POWDER : 125g, LIQUID : 70g, Measuring scoop, Spatula and mixing pads : 1 each

POWDER : 125g (Measuring scoop)

LIQUID : 70g