

HY-BOND RESIGLASS

Resin modified glass ionomer cement

PRECAUTIONS FOR DENTAL PERSONNEL AND PATIENTS

1. Do not use this product on patients with known allergies to this material, glass ionomer cement and/or methacrylate monomer.
2. Operators with known allergies to this material, glass ionomer cement and/or methacrylate monomer must not use this product.
3. If any inflammation or other allergic reactions occur on either the patient or operator, immediately discontinue use and seek medical advice.
4. Avoid 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 with plenty of water and seek medical advice.
5. This product is intended for use by dental professionals only.
6. Only dental professionals must be in charge of use and storage of this product.

INDICATIONS

1. Cementation of metal-based inlays, crowns and bridges
2. Cementation of resin inlays, crowns and bridges
3. Cementation of ceramic (porcelain) inlays, crowns and bridges
4. Cementation of orthodontic (metal or ceramic) brackets and band

DIRECTIONS FOR USE

1. Remove temporary materials
Thoroughly remove the temporary filling material. Rinse with water and dry following the conventional method.
2. Pulp capping
In the case where cavity is deep, cap the pulp with pulp capping agent (calcium hydroxide etc).
3. Prepare the restoration
Clean the surface to be cemented.
4. Dispense Powder and Liquid (Standard Powder/ Liquid ratio is 1.6g/1.0g)
Dispense one level small scoop of Powder and one drop of Liquid or one level large scoop of Powder and two drops of Liquid.
*Always use provided double-ended measuring scoop (Small or Large).
5. Mix
Mix the powder and liquid dispensed in the prescribed ratio on a mixing pad using a plastic spatula for 20sec. Then apply the mixture following the conventional method.
Working time : 3 min. and 30 sec.
Setting time : 7 min.
6. Remove excess cement
When excess material exhibits rubber elasticity (2 min 30 sec.~3 min. 30 sec. after placing the restoration in patient's mouth), remove it with an instrument.

NOTE ON USE

1. Use eugenol-free temporary sealant or cement.
2. Do not shake the powder bottle before dispensing. Level off the powder with the built-in leveler for accurate dosage. (Do not level off repeatedly.)
3. Invert the liquid bottle prior to use to dispense drops of bubble-free liquid.
4. Remove any liquid plugging the opening of the nozzle with wet gauze etc.
5. The timing of removing excess cement (standard: 2 min. 30 sec. ~3 min. 30sec.) should be altered by the timing of placing the restoration in patient's mouth. Check the state of the mixture using a probe etc. When it has rubber elasticity, remove it using an instrument.
6. Tightly close the bottle caps (Powder and Liquid), immediately after each use. Use extra caution to keep the powder out of any moisture.
7. Do not use metal spatula, which blackens the cement mixture and shortens the working time and setting time.
8. In the case where cavity is deep, cap the pulp with pulp capping agent. (Do not use eugenol containing lining material.)
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°C/34-86 °F). Avoid high temperatures and high humidity. Keep away from direct sunlight and any source of ignition.

COMPOSITION

POWDER: Fluoroaluminosilicate glass, additives, pigments and others

LIQUID: Polyacrylic acid, purified water, 2-HEMA and others

PACKAGING

1-1 SET: POWDER: 15g, LIQUID : 8.6mL (10g), double-ended measuring scoop and mixing pad 1 each

Refill

POWDER : 15g

LIQUID : 8.6mL (10g)



(contains ZHEMA)