



HY-BOND GLASIONOMER CX

EN Instructions for use

04:2015-12
70445



Manufacturer

SHOFU INC.
11 Kamitakamatsu-cho, Fukuine,
Higashiyama-ku, Kyoto 605-0983, Japan
www.shofu.com

SHOFU DENTAL ASIA-PACIFIC PTE.LTD.
10 Science Park Road, #03-12,
The Alpha, Science Park II, Singapore 117684

EN Glass Ionomer Luting Cement

READ CAREFULLY BEFORE USE

HY-BOND GLASIONOMER CX is a glass ionomer cement for permanent cementation of cast metal and porcelain fused to metal crown and bridge restorations as well as metal orthodontic appliances.

HY-BOND GLASIONOMER CX can be also used for core build-up.

COMPOSITION

POWDER: Fluoroalminosilicate glass, HY agent, pigments

LIQUID: Acrylic acid tricarboxylic acid co-polymer solution, Tartaric acid

INDICATIONS

- Cementation of crowns, bridges, and inlays
- Cementation of orthodontic (metal) brackets and bands
- Core build-up

PRECAUTIONS

1. Do not use this product on patients with known allergies to this product or glass polyalkenoate cement.
2. Operators with known allergies to this product or glass polyalkenoate cement must not use this product.
3. If any inflammation or other allergic reactions occur on either patient or operator, immediately discontinue use and seek medical advice.
4. Use medical (dental) gloves and protective glasses to avoid sensitization to powder, liquid and mixture of this product. In case of accidental contact with oral soft tissue or skin, immediately blot with alcohol moistened cotton ball, and rinse with plenty of water.
5. In case of contact with eyes, immediately flush the eyes with plenty of water and seek medical advice.
6. This product is intended for use by dental professionals only.

DIRECTIONS FOR USE

1. Dispensing Powder and Liquid
Dispense Powder and Liquid onto a mixing pad or glass slab.
 - 1-1. For cementation
(Standard Powder/Liquid Ratio: 2.0 g / 1.0 g)
Dispense one scoop of Powder and two drops of Liquid, separately.
 - 1-2. For core build-up
(Standard Powder/Liquid Ratio: 3.0 g / 1.0 g)
Dispense two scoops of Powder and three drops of Liquid, separately.
 - Use the measuring scoop provided and level off the powder with built-in leveler for accurate dispensing.
 - Invert the liquid bottle prior to use to dispense drops of bubble-free liquid.
 - Remove any hardened liquid plugging the opening of the nozzle with wet gauze etc for accurate measuring.
2. Mixing
Mix thoroughly for 30 - 40 sec. using the plastic spatula provided. Complete mixing within 60 sec.
Mixing temperature: 23 ± 1 °C / 73.4 ± 1.8 °F
Mixing time: 30 - 40 sec.

| | Cementation | Core build-up | |
|---------------------------------|-------------|---------------|----------------------|
| Working time (23 °C / 73 °F) | 3' 40" | 2' 30" | From start of mixing |
| Setting time (37 °C / 99 °F) | 4' 00" | 3' 30" | From end of mixing |

3. Cementation

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

- Avoid saliva contamination for 10 minutes after cementation.

4. Core build-up

Build up the core following the standard method. In order to avoid saliva contamination, apply cocoa butter or varnish immediately after surface luster disappears.

NOTE ON USE

1. In the case where pulp is exposed or the affected area is close to the pulp, cap with calcium hydroxide etc.
2. Remove excess material quickly with wet gauze etc before it gets hardened.
3. Tightly close the bottle caps (powder and liquid) immediately after each use. Use extra caution to keep the powder away from any moisture.
4. Do not use this product for any purposes other than specifically outlined in INDICATIONS in these instructions for use.
5. Use this product within the expiration date indicated on the package and container.
(Example YYYY-MM-DD → Year-Month-Date of the expiration date)

STORAGE

Store at room temperature (1-30 °C / 34-86 °F).

Avoid high humidity and keep away from direct sunlight.