

ProGlass™ Silver

Radiopaque Silver Alloy – Glass Ionomer Cement (GB)

Prior to use, carefully read the instructions for use.
For use only by a dental professional in the recommended indications.

The ProGlass™ Silver powder bottle contains a mixture of alloy and glass ionomer powder. The glass component provides an ultimate balance between working and setting time.

Features

- ◆ Blend of 100% spherical silver-tin alloy with glass ionomer
- ◆ Versatile clinical application & Strong abrasion resistant
- ◆ Optimal level of radiopacity

Indications

Restoration of primary teeth	Base or liner
Class I, limited Class II, temporary fillings	Core build up

ProGlass Silver can also be used in cases where radiopacity is required.

Contraindications

1. Pulp capping.
2. In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

Directions for use

Powder/Liquid ratio (g/g)	3.0/1.0	Working time(min.secs)	2.0
Mixing time (secs)	30 secs	Setting time (min. secs)	4.0

1. Powder and Liquid Dispensing

The ProGlass Silver powder bottle contains a mixture of alloy and glass ionomer powder. The powder/liquid ratio to achieve a suitable constituency is 3.0/1.0. This is 1 spoon of powder (0.24g) and 2 drops of liquid (0.08g).



Shake the bottle to loosen the powder. Overfill the spoon with the powder, level the spoon and place onto the mixing pad. Avoid compressing powder into the spoon with the inside wall of the bottle. Divide the powder into 2 equal parts. (Fig. 1-4).

Fig. 1

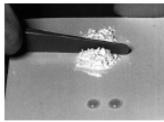


Fig. 2

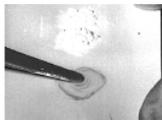


Fig. 3

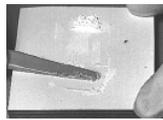
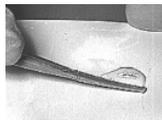


Fig. 4



Turn the liquid bottle vertically with the tip about 5cm above the mixing pad. Squeeze the bottle gently to dispense one drop. If any bubbles are present, lightly tap the bottle with the fingers holding it. Discard drops that are not full sized.

2. Mixing: Using a small spatula mix the first powder portion with all of liquid for 15-20 seconds. Add the remaining powder portion and mix thoroughly for 20 seconds.

Note: The mixed preparation should have a heavy consistency. Working time is 2 min. at room temperature of 23°C (73.4°F).

3. Restorative Technique

- a) Clean tooth using standard procedures. Extensive mechanical retention is not necessary.
For pulp capping apply calcium hydroxide.
Rinse thoroughly and dry but do not desiccate.
- b) Mix the required amount of preparation
- c) Remove surface moisture but do not desiccate.
- d) Transfer preparation using a suitable placement instrument
- e) Form the contour
- f) Setting time is 3.5 minutes to 4 minutes from start of mixing.

4. Finishing: Use standard procedures

Caution: For dental use only.

Do not use product with patients who show an allergy to the material. In case of allergic reactions immediately stop the application and advise the patient to consult a physician.

If history of allergy to glass ionomer cements is known, do not use ProGlass *Silver*.

Do not allow the cement mixture to contact the oral tissues or skin. In case of contact, remove the material with absorbent cotton soaked in alcohol and rinse with water. In case of eye contact immediately flush with water and seek medical treatment.

Do not mix the powder or liquid of ProGlass *Silver* with any other glass ionomer products.

Storage: Store ProGlass *Silver* in a cool and dark place at 4-25°C (39-78°F). (Shelf life: 2 years). Do not use after expiry date.

Warranty: Silmet Ltd. will replace product that is proven to be defective. Silmet Ltd. does not accept liability for any damage or loss, direct or consequential, arising from the use of or inability to use the product described. It is the responsibility of the dentist to determine before use, the suitability of the product for its intended use. The dentist assumes all risk and liability in connection therewith.

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