

INSTRUCTION MANUAL

Catalog No.: RG1195

Components: Powder: Fluoro-Aluminosilicate glass, polyacrylic acid.

Liquid: Pure water, tartaric acid

Packaging: 15 g powder, 10 ml liquid, or 35 g powder, 15 ml liquid

PROGLASS LUGLASS IONOMER LUTING CEMENT

1-Description

PROGLASS Lu is a chemically cured glass ionomer luting cement composed of powder and liquid. It has a film thickness of less than 25 µm.

2- Usage Area/ Indications

PROGLASS Lu is suitable for permanent bonding of crowns, bridges, inlays, onlays, pins, and posts.

3- Usage

Prepare the cavity and thoroughly remove any residue from enamel, dentin, or metal. Protect the pulp from irritation by using calcium hydroxide in deep cavities. Before use, gently tap the cap of the powder bottle and shake the bottle. Fill a full scoop of powder with the help of a spoon, remove the excess powder with a spatula, and tightly close the bottle. Hold the dropper bottle upright and pay attention to the drop rate of the liquid. Use 1 drop of liquid for 2 scoops of powder (mixing ratio is 2.75 g powder and 1 g liquid). The

mixing time on mixing paper should not exceed 30 seconds, and the working time is 2.5 minutes (at 23°C). Complete the mixing process quickly by adding the powder into the liquid in two or three parts. Dry the work area before placing the cement. The application can begin when the cement reaches a consistency that can be applied to the surface with a hard brush. The hardening time is 4-6 minutes, and in the mouth (at 37°C with 90% relative humidity), it is 4-4.5 minutes.

4- Contraindications

This product cannot be used together with products containing eugenol as it will prevent the hardening reaction. Do not use it in patients with hypersensitivity to its ingredients.

5- Side effects

Due to its high acidity at the time of mixing, it may cause irritation if it leaks into living tissues. It should not be applied directly in deep cavities as it may cause pulp irritation and should be used with a calcium hydroxide-based cavity sealant.

6- Warning

The liquid has an acidic pH before use. Protect the patient's mucosa with a rubber dam during use. In case of contact with skin or eyes, wash with plenty of water. The liquid may cause skin and eye irritation. This product can only be applied by professional dentists. Do not use it if there is a known allergy to any of its ingredients.

Temperature changes and variations in the powder-liquid ratio can affect the hardening and working time. Hot air and high dust content reduce the hardening and working time, while cold air and low dust content have the opposite effect. Low dust content may decrease compressive strength. Use latex gloves while handling the product and avoid contact with the liquid.

7- Storage conditions:











Store at room temperature. Protect from moisture, extreme heat, and cold. The period of use is 2 years from the date of manufacture.

NOTE:

Our products are produced for use in dentistry and are not suitable for use by individuals other than professional dentists. Since the use of the products is under the control of the user, the user is completely responsible for the applications. We recommend using it in accordance with the information and warnings provided in the instructions.

**** Disposal:** Products should be treated according to their biological hazards and disposed of in accordance with the country's legal regulations and hospital policies.

8- Symbols and Meanings:

	Lot number		Manufacturing Date
	Catalog Number		Manufacturer
	Use on Time		Keep Away from Sunlight
	Warning: Consult the Accompanying Documents.		Refer to the Instructions for Use.
	Notified Body		Store in a Dry Place.