

## INSTRUCTION MANUAL

**Catalog No.: RG1150**

### Components:

Powder: Fluoro-Aluminosilicate glass, polyacrylic acid.

Liquid: Pure water, tartaric acid

**Packaging:** 10 g powder, 15 ml liquid

## PROGLASS Li GLASS IONOMER LINING CEMENT

### 1-Description

PROGLASS Li is a chemically hardening glass ionomer cement composed of powder and liquid.

### 2- Usage Area / Indications

This product is used as a base for Class I and Class II restorations on temporary teeth, for intermediate restorations, and Class I and Class II restorations using the sandwich laminate technique. It also serves as a base under all filling materials such as composite, amalgam, and indirect restorations, and is indicated for covering enlarged fissures and small lesions.

### 3- Usage

Prepare the cavity and protect the pulp against 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 cap of the bottle. Hold the dropper bottle upright and pay attention to the drop rate of the liquid. Use 1 drop of liquid for every scoop of powder (mixing ratio is 2.75 g powder and 1 g liquid). The mixing time on mixing paper is 20-25 seconds, and the working time is 1.5 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 hardening time is 3-5 minutes, and in the mouth (at 37°C with 90% relative humidity), it is 3-3.5 minutes.

### 4- Contraindications

This product cannot be used together with products containing eugenol as it will inhibit 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 alone 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. Changes in temperature and powder-liquid ratio affect the hardening and working time. Hot air and high dust content shorten hardening and working time, while cold air and low dust content have the opposite effect. Low dust content may cause a decrease in 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.