INSTRUCTION FOR USE
GlassyRestore
Radiopaque Glass Ionomer Cement for Restoration

COMPOSITION

Powder :Fluoroaluminosilicate Glass Powder,Modificator,Dye stuff

Liquid : Polyacrylic acid, Maleic Acid. Tartaric acid

PROPERTIES

Glass Ionomer cement GlassyRestore include:

– powder/liquid

Mixing of powder with Liquid forms a cement with high biocompatibility to hard tooth tissues, sufficient strength (190MPa) and acid erosion resistance (less than 0,002mm/h). Polyaclylic acid binds with dentin calcium and provides chemical adhesion and marginal fit of cement to hard tooth tissues.

After hardening materials corresponds all the aesthetic requirements.

Fluorine-containing glass filler is able to accumulate and release fluorine ions, thus providing prolonged anticarious effect.

Dental products are intended for use in aggressive biological medium with the temperature range between 32°C and 42°C (in oral cavity at the temperature (37±1)°C and humidity 60-90 %).

INDICATIONS

Glass Ionomer cement GlassyRestore is used for:

– Filling and Restoration of I, II and V class cavities (according to Black classification)

– ART-technique filling

– Primary teeth filling

– Fissure sealing

– Lining for composite restoration

CONTRAINDICATIONS

Drug idiosyncrasy

Use with great care for allergic patient

Do not misuse

SIDE EFFECTS

As far as all terms of storing, transporting and application are observed, there are no side effects

METHOD OF USE

Shake the jar with powder before use, without turning over, tapping on palm.

1. Surface preparation

Prepared, cleaned and dried tooth stump should be treated with conditioner with the help of applicator (cotton ball or sponge). In 10-15 seconds clean thoroughly the cavity with water and dry slightly till glossy surface.

DO NOT OVERDRY!

2. Mixing

Liquid on mixing pad or glass plate with plastic or metal spatula, at the room temperature (18-23)°C.

Comply with recommended ratio:

Ratio powder/liquid, g/g	1/0.75 1 dose meter of powder spoonful / 1 drop of liquid
Mixing time, sec	30-45
Working time, min.	2,0-2,5
Hardening time from the start of mixing, min.	4-5

Higher temperature cut working time, lower temperature (for example during mixing on cooled glass plate) extend working time. Raising of ratio – powder/liquid cut working time. However, insufficient amount of powder worsening cement properties.

To reach optimum properties of material it is IMPORTANT TO FULFILL TEST MIXING complying with recommended by manufacturer powder/liquid ratio.

At first mix half of measured out powder with liquid within 10-15 seconds. Then add the rest amount of powder by portions and mix by circular motions of spatula within 20-30 seconds till plastic consistency.

To fulfill the restoration, insert material into the cavity and shape it within material working time. If needed remove excess of material, avoiding air bubbles formation, by use of paper strip to reach smooth surface of the filling.

3. Final filling treatment

After hardening of material, apply thin layer of varnish with the help of applicator, slightly dry with air. In 10 minutes the filling can be polished with polishing pastes. It is recommended for patient not to eat within 2 hours.

Attention! After application tightly close container with cement.

In case of eye or skin contact as well as contact with soft tissues of oral cavity, remove material immediately and wash with water.

PRESENTATION

Powder (bottle)	20g	Ref no 005-02-2015
Liquid (bottle)	15g(13 ml)	
Measuring spoon	1 piece	
Mixing pad	1 piece	

STORAGE

Store at the temperature from 5°C to 25°C

Tightly close bottle immediately after use

Do not use after expiry date

Shelf life – 3 years

MANUFACTURER

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Not For Medicinal use, For use in Dentistry By Dental Professional only

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