

## **GlassIn Fix**

### **Chemical cure glass-polyalkenate cement for fixation of posts, crowns, inlays**

#### **Indications**

“GlassIn Fix” is used for adhesive fixation of crowns and bridges, for inlays, onlays and posts.

#### **Properties and composition**

The powder is fine dispersed aluminum-calcium-lanthanum-fluor-silicon glass with radiopaque additives. The liquid is an aqueous solution of polyacrylic acid (with special molecular weight) with organic additives which improve its properties. System "powder+liquid" is characterized by the fact that after the formation of the cement structure, all the particles remain bound that further prevents them leaching from cement. "GLASSIN Fix" is characterized by high strength and biocompatibility to the tooth structures. Increased chemical adhesion to dentin and enamel provides a tight marginal seal. Increased chemical adhesion to dentin and enamel provides a tight marginal seal. "GLASSIN Fix" has high adhesion to the various dental restorative materials. Anticaries effect is provided by the sustained release of fluoride ions.

#### **Recommended use**

The material is prepared at room temperature on a glass plate or a special pad with a spatula.

The ratio is 1 spoon of powder to 1 or 1,5 drops of liquid (depending of the necessary consistence).

In the beginning the full amount of the liquid is mixed with half amount of the powder. The remaining powder is introduced by small portions until we have a homogeneous mixture with a glossy surface. Mixing is carried out within 45-60 seconds until obtaining the necessary consistency of a paste, similar to a paste for filling. Working time of the prepared material is 2 to 3 min. Time of final hardening is 6-7 min from the start of mixing. Fixation is performed in traditional manner. After curing it is necessary to remove the excess of the material with appropriate instruments.

#### **Package contents and storage**

Available in bottles: 10 g of powder and 8 g of liquid.

Keep the material in cool dry place with bottles tightly closed.

Recommended temperature is from +4°C to +25°C.

Shelf life is 3 years.