

# Ionolat®

## Glass polyalkenate filling cement

### Prescription

**Ionolat** used in therapeutic dentistry for:

- filling of milk teeth (caries cavities of all classes);
- filling of caries cavities 1 and 2 classes of molar teeth, including sealing of fissures;
- treatment of not caries affects of hard tissue (erosion of enamel, wedge-shaped defects);
- temporary filling with long-time treatment;
- building of the tooth stump and reconstruction of destroyed structure of the tooth for crown.

### Composition and main characteristic

Cement contain liquid and powder. Cement powder is fine ground, non-colored chemically reactive fluorine-containing glass. Liquid for mixing of cement is aqueous solution of polyacrylic acid with addition of activity controls.

For cleaning of surface from impurity and provision of adhesion using conditioner – 10 % aqueous solution of polyacrylic acid. Working time of the cement in case of mixing powder and liquid in ratio 1:1 (volume) is 2-3 min. in home temperature. Duration of curing in home temperature of oral cavity (30-32) is 4-5 min after putting the construction in oral cavity. Ionolat-F has satisfactory bonding to the dentine, enamel and non-metal elements of restoration. We can have high anticaries and antibacterial effect thanks to longest excretion of ions of fluorine. Cement is radio-opaque.

Producing in 4 colors in scale of Vita: A1, A2, A3, A3,5.

### Method of application:

#### Preparation of cavity

Preparing of caries cavity made by all known methods. After this cavity have to treated supplemental by condition. Condition is applied by micro applicator, main tended for 20 sec., washing by water and drying with

compressed air. Immediately after put the cement.

#### Preparation of the cement

Powder and liquid measure out to mixing pad. Powder measuring with dosimeter, liquid from the bottle in ratio 1:1-1 dosimeter of powder to 1 drop of liquid. Mixing powder and liquid by modeling knife. At the begin t liquid have to put half of the powder and mixed, then by little dose with rest of powder getting cement in necessary consistence. The getting paste of the cement have to have the glossy look. Mixing during 40-45 sec.

#### Lay the cement

Lay of the cement have to be done during the 1,5 min. after start of mixing. Cement putted to the cavity by burnisher 3-4 doses, every does have to be condensed by plugger. Ready sealer checking and modelling to the bite, after that need to coat sealer by varnish.

### Recommendations

Like protecting varnish in filling process can be used varnish, light-curing adhesive and fissure hermetic.

### Storage conditions and labeling

#### Storage conditions

Ionolat have to be stored in packing inside a closed coolly warehouse and to be protected from precipitation and direct sunlight, to be far from the heaters min 1 m. long.

#### Labeling

The ☞ symbol on the package show expire date.



Latus PE, 61010 Textilna str.82, Khrkov, Ukraine.  
Tel +380577332697. [www.latus.com.ua](http://www.latus.com.ua)