

Ionolat® F

Glass ionomer cement for fixing

Prescription

Ionolat-F used in therapeutic and orthopedic dentistry for fixing crown and bridges, orthodontic construction, tabs and pins.

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 5-8 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.

Method of application:

Preparation for cementing

Preparing of supporting construction of teeth and metal elements of restoration carry out for specific type of work his own method. Crowns separated or supporting, tabs and other constructions before fixing two times degreased with alcohol and dried 3 min. By fixing of crowns and bridges on pulpless(devitalized) supporting tooth the stump have to be treated additionally with condition. Condition applied with a brush or micro applicator, maintained for 20 sec, washing by water and drying by compressed air. For teeth with vital pulp treatment by conditioner is contraindicated.

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 modelling 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.

Fixation

Procedure have to be done during 1,5-2 min from the start of mixing. In the case of fixing of the crowns and bridges cement put to the cavity of the crown, lightly lubricate the surface of the tooth by cement and with the smooth touch fixing. The rest of the cement immediately getting off by burnisher and that with cotton swab soaked in water. In fixing of tabs, pins and orthodontic constructions the cement have to be putted on the construction and then construction have to putted back in her place. The rest of the cement have to be tacked off before curing after 3 min after fixing.

Storage conditions and labeling

Storage conditions

Ionolat-F in 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.



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Latus PE, 61010 Textilna str.82, Khrkov, Ukraine.
Tel +380577332697. www.latus.com.ua