

Ionolat® BL

Glass ionomer luting cement

Prescription

Ionolat-BL used in therapeutic and orthopedic dentistry for:

- inlay for sealer from composite materials and amalgam;
- filling of the milk teeth.

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 1,5 min. in home temperature. Duration of curing in home temperature of oral cavity (30-32) °C is 4-5 min after putting the construction in oral cavity. Ionolat-BL has satisfactory bonding to the dentine and enamel. 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 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 20-25 sec.

Lay the cement

Lay of the cement have to be done during the 1,-2 min. after start of mixing. Cement putted to the cavity by burnisher 3-4 doses, every does have to be condensed by plugger.

In case of using the product for kindness filling the sealer have to be coat by varnish-glaze Lateglint or adhesive Therabond

Recommendation

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

Storage conditions and labeling

Storage conditions

Ionolat-BL 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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