

FIXALAT[®] Dual

Dual cure fixing cement

Prescription

FIXALAT *Dual* used in orthopedic and therapeutic dentistry for permanent fixation of the next structures-non-removable dental prosthesis:

- stumps inlay, crowns, bridges from polymer metals and also which have metal basis.
- endodontic pins

Cement can be used in also for preparing temporary orthopedic constructions.

Composition and main characteristic

Fixing cement FIXALAT *Dual* is medium filled composite dual-curing material class paste-paste. The content of inorganic filler in the cement is 62 mass%. Cement is prepared in a base of oligo ester acrylates bonding agent with heightened biocompatibility. FIXALAT *Dual* have a good fluidity and fixate characteristics, not insoluble in oral cavity, allocate fluorine. Strength characteristics of cured cement allow reliable fixation of orthopedic constructions and necessary conditions for taking off fixed elements dental prosthesis in the case of clinical need. By mixing of main and catalyst paste in ratio 1:1 (volume) ready mixture keep working time 1,5-2 min.(by tem.210c). Time of chemical polymerization from the start is about 3,5-5 min. Photo polymerization from 20 sec to 40 sec.

Method of application:

Fixation of crowns and bridges

Preparation teeth cleaning from probable of fixing material, treated with 70% ethanol, dried with a cotton swab. Inside surfaces in which have to be crown with the metal basis after treatment by sandblasted, degreased with ethanol and dried compressed air.

ATTENTION!

Not allowed the use of hydrogen peroxide in preparation to fixing supporting surface of the teeth and inside surfaces of dental prosthesis, using of temporary fixing materials which contain eugenolum. Rests of named substances may adversely affect to power of adhesion and reaction of polymerization of the cement FIXALAT *Dual*. Recommended before regular fixation of non-removable construction of tooth prosthesis on FIXALAT *Dual* using temporary cements Tempolat or Tempolat-LC.

Necessary quantity of main and catalyst paste doses from syringes to mixing pad. Prepared mixture get filled the crown. After crown or bridge establish by a smooth touch to prepared teeth. By photopolimerizator during 10 sec expose bound crown-gingival margin after that give excerpt for full polymerization of the cement 5-7 min. Excess of cement around the edges removed by burnisher and wipe with the cotton swab dipped in spirit.

In the case of fixation of the translucent construction make full photopolymerization of FIXALAT *Dual* during 40 sec.

Fixing tabs and pins

Be fixing tab or pin construction degreased by spirit and

dried. Preparation surface of the tooth etching by phosphate gel during 15 sec, thoroughly washed with water and dried by compressed air. Fixing of tabs and pins perform with pre-mixed cement by method which are described before. Prepared mixture in next minute filled in tooth cavity and fixing tab or pin. Clean surface from excess and make photopolymerization during 40sec. After that give endurance for the final photo polymerization of the cement during 5-7 min.

Production of temporary crown

From alginate or silicone impression material to preparation parodontium making his impression. After that making preparation of the tooth accorded with the plan of orthopedic treatment and construction of regular non-removable prosthesis. To the clean and dry surface of the tooth putting slim coat of anti-adhesive grease or medical glycerin. After that in accordance with this instruction, making cement by mixing of necessary for that case quantity of main and catalyst paste and immediately filling impression and putting this impression up to the tooth in the right position with smooth pressure. Photo polymerization is carried out through the crown during 40 sec and then give endurance for final polymerization of the crown during 5-7 min, after that taking off the impression with the crown of stump from the tooth. Tooth and crown washed by water and dry. Removing the crown from the impression carry out processing on the edge of gingival contour after that fix to the temporary cement. Temporary construction of non-removable prosthesis using during the period of production regular construction. Life time of the crown not less than two weeks.

Recommendations

To the enhance the aesthetic qualities of temporary crowns recommended to polishing them by diamond paste Diapol-5.5.

Storage conditions and labeling

Storage conditions

FIXALAT *Dual* have to be stored in packing inside the warehouse and to be protected from precipitation and direct sun light, to be far minimum 1 m. from heaters. For the better way to storing recommended to use refrigerator. Before work with FIXALAT *Dual* have to stay at home temperature about 2-3 hours for get back plasticity of the paste.

Labeling

The ☞ symbol on the package show expire date.



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