

THERAFIL[®]-10

Self cure composite

Prescription

THERAFIL-10 used for filling teeth with caries cavities of all classes by Black and regular fixation of crowns and bridges

Characteristics

THERAFIL-10 is a composite material chemical curing type liquid-powder prepared as a paste immediately before use.

Formulation of **THERAFIL-10** - powder-liquid material allows to prepare material any consistency, depending on the kind of the work: from enough liquid to highly filled. Use not hard ways of mixing can get a paste of material with minimum content of air inclusions.

Working time of **THERAFIL-10** at temperature (18-23°C) is 2 - 4 min. The duration of curing of the seal at oral cavity (30-32 °C) 1,5-4 minutes after placing the material in a filling tooth.

THERAFIL-10 is produced on 4 colors in a scale of Vita: A2, A3, B1, B3. Seals from **THERAFIL-10** characterized reduced shrinkage stress, high hardness and durability, optimal clarity, color stability.

Method of application:

Selection color of filling material.

Color selection is performed immediately after cleaning enamel from plaque with mild abrasive (pumice, chalk) by comparison with a sample color or cured material **THERAFIL-10** in natural lighting. During the treatment tooth should be wet.

Preparation of caries cavity.

Caries cavity preparing for well known methodology for polymeric materials. For

better marginal adaptation, adhesive seals and soft combination of colors needed finishing of marginal-enamel. In the case of deep caries need composite calciferous inlay.

Etching of enamel and dentin of the tooth For a more complete cleaning of enamel and dentin and the creation of the active surface micro relief is carried sealable processing 40% of etching liquid containing phosphoric acid.

The necessary quantity of etching liquid put into the cuvette or glass and then by brush applied on the enamel, incubated 15-20 sec. And then applied to the dentine incubated another 15-20 seconds. In some cases, etching liquid can be applied directly onto the surface of the tooth. After the processing time etching liquid thoroughly washed during 10-15sec with water from the dental unit and during 15sec. dried with compressed air to slightly moist dentin and enamel tarnishing. With the increased resistance of enamel must be done repeat of etching(no more than 30 seconds).

Preparation of material

On the mixing pad with help of measure tank dose filler **THERAFIL-10** and drop wise liquid-bond **THERAFIL-10** (in ratio 3 measure tank of powder and 2 drop of liquid-bonding agent content of filler in material content 75%). The powder is dosed into the measure tank without top. Increasing the amount of the powder affect the curing speed, strength and consistency of the cured material resulting mixture. For cavities I, II and class IV by Black should be prepared as much as possible filled

material in a way of steep paste, for fix-just fluid.

The components were mixed for 30-40 seconds until uniform plastic mass, which ready to be use in 2 - 4 minutes (more accurately the working time is determined by a preliminary test).

Filling

Material put into the caries cavity by doses. The first less dose put in corners and irregularities to avoid air voids in cavity. The first portion of the material is recommended to apply a low viscosity consistency for improved adhesion to the tooth structure. Then with the second portion fill the entire cavity.

High quality of the seals from **THERAFIL-10** is gated by curing of material under the polymer strip. The use of matrix bands shown in the formation of the seal loop and interdental separation. Remove strip advisable after 3-4 minutes after setting the seal. Surplus of material should be removed before curing or after the final curing of the seals.

Processing of the seal.

After 5 min after application the seal can be start processing. Polish of the seal with diamond fine-grained corundum and silicone heads with next polishing of the paste.

Fixation of crowns and bridges

In fixing crowns and bridges use the material of in any color.

Before staging crown or bridge prepared tooth surfaces must be etched by etch liquid. The inside surface of metallic or polymeric crown have to be twice degreased with acetone or chloroform and is dried for at least 3 minutes.

After that material introduced into the cavity of the crown and fix it. Excess material immediately removed from the gingival margin by modeling knife and by cotton swab moistened with alcohol.

Recommendations

Not recommended to use isolation pads which content eugenolum. The cavity should be clean and the dried. Any impurity (saliva, blood) violates the curing of the seal and impairs its quality.


Storage conditions and labeling

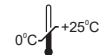
Storage conditions

THERAFIL-10 in packaged form should be stored in closed, cool place, protected from rain and direct sunlight at a distance of at least 1 meter from heaters.

To maintain performance it is recommended to use a refrigerator with a temperature of + 5°C.

Labeling

The  symbol on the package show expire date.



LatusPE,61010Textilnastr.82,Kharkov,Ukraine.
Tel+380577332697.www.latus.com.ua