

Sagen D-Liner

Light-cured composite

Instruction for use

Appointment

Light-cured composite Sagen D-Liner is designed to protect living tooth tissues in cases where the carious cavity is located within the vital dentinal tissues and there is a risk of inflammation in the postoperative period.

General Information

All Sagen materials are based on high-quality raw materials from Germany and the USA.

Light-cured composite Sagen D-Liner is a flowable, made on the basis of Bis-GMA, other traditional monomers and glass ionomer powder with a high content of fluorine ions. Sagen D-Liner cured by blue light in the wavelength range of 400-500 nm. Sagen D-Liner is easily applied to the bottom of the carious cavity, transparent, colorless. After installation on the surface of the carious cavity, the material releases fluoride ions for a long time, which effectively prevents the occurrence of inflammatory processes.

Application of Sagen D-Liner

If you decide to install a gasket, it is recommended to use liquid photopolymer material Sagen D-Liner. The method of application of Sagen D-Liner is standard for this kind of materials. The main recommendation of application is to apply the material on a cleaned dry dentin surface without prior etching or with minimal gentle etching for no more than 10s, followed by curing of the material for 20s. After that, the required area of the tooth, including the surface of the cured Sagen D-Liner is subjected to etching and then carry out all the necessary manipulations to install the filling material.

Curing

Curing of the material Sagen D-Liner is carried out by devices that generate blue light in the wavelength range of 400-500 nm with a luminous flux of at least 900mW / cm². Curing time is 20s. Particular attention should be paid to controlling the amount of heat in the light beam of the polymerizer. If the beam is "hot", such a device should never be used on living tooth tissues, as this can lead to hypersensitivity in the patient and burns of tooth tissues. To check, apply a beam to the skin between the thumb and forefinger on the outside of the palm. If there is pain, the appliance must not be used.

Storage

Shelf life of Sagen D-Liner at a temperature of 2⁰C - 27⁰C - 5 years. When working with it, it is necessary to immediately close the syringe with a cap after each portion. It is undesirable for direct sunlight to fall on the extracted material at any stage of preparation for its use. This can lead to its premature curing. The shelf life indicated on the label coincides with the batch number.

Release form:

1 syr x 1.2 ml

1 syr x 1.2 ml in standard set
of composite Sagen Balance



Certificate of Conformity:

№ R3M 804 021 B1

ISO 13485; ISO 4049

TU U 32.5-25282979-001:2019

SAGA
DENT

Factory address:

PE Podcherniaiev O.I.

Kaunasyka str.13, Kyiv 02160 Ukraine

www.sagadent.kiev.ua; fb.com/sagadentkiev

tel.: +38 0965923261