

Sagen Intensive

Light-cured flowable composite

Instruction for use

Appointment

Sagen Intensive is designed to paint the filling material to give it a more natural color, as well as to mask the changed colored areas of the teeth and the surface of any strengthening and orthopedic structures.

General information

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

Sagen Intensive is a low-flow liquid composite based on an oligomer matrix, a highly dispersed nanofiller and intensely colored pigments. Sagen Intensive material is cured with blue light in the wavelength range 400-500 nm, the depth of curing is 0.4-1 mm depending on the shade at a luminous flux of 1000 MW / cm². Sagen Intensive has very opaque and translucent shades. Opaque shades: Opaque White, Opaque A1, Opaque A2, Opaque A3, Opaque A3.5 have a high coverage that allows you to mask any color from a single layer up to 0.1 mm thick. Opaque White has maximum coverage. Sagen Intensive material with other shades of brown, yellow, rose1, rose2 is translucent and intensely colored.

Application of Sagen Intensive

Application of opaque shades Opaque White, Opaque A1, Opaque A2, Opaque A3, Opaque A3.5.

They can be used on the tooth surface or on the surface of reinforcing pins, bridges and crowns. Sagen Intensive material does not have its own adhesive properties, so the surface must always be prepared before application to ensure good adhesion. If you use them on the surface of the tooth, you must first apply the bond according to the instructions for use (preferably Sagen Forbond), then apply a thin layer of one of the opaque shades up to 0.1 mm thick and cure it. Then apply a light-cured composite (preferably Sagen Balance)

When painting the surface of round intra-channel pins around the perimeter, it is enough that their surface is clean, degreased and preferably rough. When applying Sagen Intensive to the surface of metal bridges or crowns, it is important that they are pre-cleaned, sandblasted and degreased, and the retention points should be evenly applied to the surface. In some cases, you can use Sagen Intensive in two layers to completely mask the retention points, the first layer is Opaque White, and then the second layer is one of the opaque shades. A special case is the restoration of veneered prostheses in the case of chipping part of the veneer material with the exposure of the metal surface. For successful attachment of Sagen Intensive to the metal in the oral cavity, it is optimal to use intraoral sandblasting to give roughness to the metal surface. To improve the adhesion can also be used as an intermediate layer of ionomer cement double or triple curing, which has adhesion to both the metal surface and the composite material.

Application of Sagen Intensive material with translucent shades. Shades of brown and yellow are designed to color the composite material in the neck and cracks. The material with these shades has a high color intensity, so they need to be applied in a very thin layer using a special tool. The cured layer should be covered with a layer of composite to protect the colored layer from rapid abrasion. Material with pink shades of Rose1 and Rose2 is used to simulate ash.

Curing

Curing of Sagen Intensive is carried out by devices that generate blue light in the wavelength range of 400-500 nm with a luminous flux of at least 900 mW / cm². The curing time of each layer is 40s

Storage

Shelf life of Sagen Intensive 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 (colors: Opaque Wight, Opaque A1, Opaque A2, Opaque A3, Opaque A3.5, Brown, Yellow, Rose1, Rose2)



UA.TR.137

Certificate of Conformity:

№ R3M 804 021 B1

ISO 13485; ISO 4049

TU U 32.5-25282979-001:2019



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