

Monotex®

The adhesive system

Prescription

Monotex used like an adhesive agent for enamel and dentine under light-curing filling materials of any type.

Composition

Monotex made on the basis of a specially synthesized binder which are the basis BisGMA, HEMA and glutar aldehyde. The adhesive also contains an effective antiseptic detergent - benzalkonium chloride, 17% of a filler having a particle size of 0.4 microns and 15% multi component highly volatile solvent.

Characteristics

Monotex have a highly stable adhesion to phosphoric acid etched dentine and enamel with the properties as a binder, and due to the penetration of micro-particles of filler to dentinal tubules on a greater depth than just the unfilled liquid adhesive systems.

Mode of application

Etching of enamel and dentin

For a more complete cleaning of the enamel and dentin and the creation of active micro-relief under the application of the adhesive, processing of filling cavities have to be made by 37% of phosphate gel. For approximal cavities put polymer matrix strip and wedges.

The necessary quantity of gel is extruded from the syringe through the cannula into the cuvette or glass and then by brush applied first to the enamel and 15 seconds after to the dentin. In some cases the gel may be applied directly onto the surface of the tooth. Exposure of gel on the enamel should be 30sec., on dentin – 15sec.

After the processing time rinsed thoroughly etching gel during 10–15sec. by a water jet under pressure,

and dried with compressed air 15sec. to slightly moistened state of the dentin and enamel tarnishing. The cannula have to be washed with water after use with a syringe.

Applying adhesive

A drop of adhesive is applied from the bottle-dropper to applicator and rubbed into the tooth cavity within 10 -15 seconds, then dried with compressed air for 10 to 15 seconds.

Monotex applied in one layer without subsequent photo polymerization.

Further sealing is carried out in accordance with the instructions for use of the composite with the necessary applying of the first thin layer(less than 0.5 mm).

Recommendations

Before use shake the contents of the vial.

At high exposures of dentin is recommended before application of **Monotex** applied to the surface of dentin 3-4 time dentin-primer Saturol.

Storage conditions and labeling

Storage conditions

Monotex is stored in the manufacturer's packaging in closed, cool place, protected from atmospheric precipitation and direct sunlight, at a distance of at least 1 meter from heaters.

Labeling

The  symbol on the package show expire date.



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