

Light-curing single-component liner with fluorides and hydroxyapatite

Jen-Line LCF is radiopaque light-curing one-component liner and base material containing calcium hydroxide, calcium hydroxyapatite, complex fluorides and adhesive promoters in a unique, urethane dimethacrylate formula. The liner has excellent bonding to dentine and is highly biocompatible.

●● Indication

- As a liner or base in prepared cavities.

●● Directions for use

Prepare the cavity, clean and dry it thoroughly. Care should be taken to ensure that no traces of eugenol are left in the cavity. Jen-Line LCF lining material should not be used in combination with the eugenol-containing materials. It is therefore recommended to use eugenol-free temporary cements.

Put the required portion of Jen-Line LCF on a mixing pad shortly before the application. Avoid exposure to daylight as it may cause premature setting of the material. Apply a layer of the Jen-Line LCF to the dentine using a small round condenser. Jen-Line LCF should be applied to dentine only. Do not apply it to enamel. The layer thickness should not exceed 1 mm. Should a thicker lining is necessary, apply and cure several subsequent layers. Each layer should be light-cured separately. Jen-Line LCF is cured by a special dental light unit (halogen, LED, etc.). The light guide should be positioned as close as possible to the liner. When the light guide is 2 mm above the liner surface, cure the liner for 20 seconds at least. When light guide is 5 mm above the liner surface, the curing time should be extended to 30 – 40 seconds. Due to high opacity of Jen-Line LCF the curing time should not be less than 20 seconds under any circumstances.

●● Supplementary indications

Jen-Line LCF is so strong after curing that a probe cannot be used to remove excess material as it would loosen the entire work. It is recommended to remove excess material from cavity linings and enamel using a rotary instrument.

●● Precautions

Jen-Line LCF has excellent biocompatibility. Nevertheless a possible allergic reaction cannot be excluded. The liner should not be used for patients who are known to be allergic to derivatives of methacrylic acid.

●● Warranty

The manufacturer warrants the quality of manufactured products. The adverse events inflicted by violation of user manual, storage conditions and other events inflicted by non-stipulated usage of the material are not the subjects of warranty. The customer is responsible for determination of suitability of this product for user's application. Warranty conditions: the product does not comply with requirements declared by manufacturer. In this case the manufacturer replaces the defective material within warranty period.

●● Limitation of liability

The manufacturer's liability is limited by only cases stipulated by direct legislation of the country.

●● Storage

- Store at room temperature. Protect from direct light.
- Shelf life at room temperature is 2 years.
- Refrigeration will further increase shelf life.
- DO NOT FREEZE.

●● Recycling

Dispose of the medical device in accordance with local / regional / national / international legal requirements.

●● Presentation:

3 g syringe with delivery tips.