VOCO

Ionoseal

GB

CE 0482

Instructions for use

Product description:
Ionoseal is a light-curing glass ionomer composite cement for linings, extended fissure sealing and treatment of smaller lesions.

Method of use:

1. Prepare the cavity according to the rules of the filling technique. The tooth surface should be fully dried. Avoid contamination.
2. Cover areas in proximity of the pulp with a calcium hydroxide preparation. It is recommended to provide an adhesive bond (especially in cavities that do not have enamel on all sides).
3. **Ionoseal tube/syringe:** Apply the required quantity of **Ionoseal** directly from the tube onto the instrument or apply directly from the syringe. Avoid contamination and disinfect after use. For linings in excess of 1 mm thickness, apply and cure in layers. In order to ensure the function of the non-dripping syringe do **not** pull back the plunger during or after use.
4. To light-cure this material, conventional polymerisation devices are suited. The light output should be a minimum of 500 mW/cm² for halogen polymerisation devices and 300 mW/cm² for LED devices. Light source should be positioned as close as possible to the surface (approx. 2 mm). Cure for at least 20 s. For a greater distance, prolong curing time.
5. Finish the **Ionoseal** surface with a rotary instrument and place the filling according to the manufacturer's instructions.

Indications/precautions:

- **Ionoseal** adheres to materials such as crown and bridge materials, methacrylate-based temporary obturation materials and certain impression materials (e. g. polyether), which may lead to damage to or removal of the lining. Apply a bond in these cases.
- Due to the extreme stability of **Ionoseal** after curing, it is not possible to remove excess material with a probe. This could loosen the entire lining. Use a rotary instrument for this purpose.
- **Ionoseal** contains Bis-GMA, diurethanedimethacrylate, BHT and glass ionomer powder. **Ionoseal** should not be used in case of known hypersensitivities (allergies) to any of these ingredients.
- Preparations for pulp protection or dentine isolation should always cure or dry prior to the application of **Ionoseal** (see instructions for use of these products) in order to prevent a reduction in the adhesion to dentine.
- After removal from the box avoid exposing **Ionoseal** to direct light (e.g.: operating light or daylight) and apply as soon as possible.
- Eugenol or other phenolic substances (e. g. thymol) impede the polymerisation of **Ionoseal.** Avoid any contact with these materials.
- Insufficient curing times or luminous intensity also lead to incomplete curing. Check the curing light and light guide regularly.

Storage:
Store **Ionoseal** tightly closed and light-protected at room temperatures between 4 °C - 23 °C. Refrigeration prolongs the shelf life. Prior to application, the material must reach room temperature again. Do not use after expiry date.
The vertical storage of opened tubes in the standtray (detachable) allows immediate availability of **Ionoseal** at all times.

Our preparations have been developed for use in dentistry. As far as the application of the products delivered by us is concerned, our verbal and/or written information has been given to the best of our knowledge and without obligation. Our information and/or advice do not relieve you from examining the materials delivered by us as to their suitability for the intended purposes of application. As the application of our preparations is beyond our control, the user is fully responsible for the application. Of course, we guarantee the quality of our preparations in accordance with the existing standards and corresponding to the conditions as stipulated in our general terms of sale and delivery.

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