

## **VITRO LINER** **Instructions for use**

The use of gloves is recommended during the procedure. Attention: The patient must be informed on the risk to occur sensitivity in the place of the procedure. This sensitization can be minimized through the use of proper isolation (rubber dam) and pulp protection.

To obtain the maximum adhesion, the dentin should be conditioned with VITRO CONDICIONADOR for 10 seconds. Wash enamel and dentin with water and dry without dehydrating. A film of moisture, as occurs frequently in vital teeth, can be incorporated into the cement.

### **Dosage**

Gently shake the bottle, to release the powder. Fill the measuring spoon with powder and level it in the stopper.

The proportion used should be of 1 measuring spoon of the powder to 2 drops of the liquid.

The liquid should be dispensed while holding the bottle in a vertical position. Any crystals present in the neck should be removed, to assure that there are not air bubbles in the dispensed drop. Close tightly the bottles before mixing.

### **Mixture**

You can use a metal spatula, plastic spatula is not necessary. The mixture should be made on a mix pad or a glass plate for 20 seconds. The powder should be added to the liquid in two stages, being the second, after the first complete homogenization. The powder and the liquid should be dosed in order to obtain a creamy consistency. The mixture should be done in a temperature between 20-30 °C.

Setting time is valid for the specific temperature and humidity condition described.

Higher temperatures will reduce working time and lower temperatures will increase working time.

Mixing Time (21-23 .C, 50-52% UR) 20 sec

Working Time (21-23 .C, 50-52% UR) > 2 min 30 sec

Net Setting Time (36-38 .C, = 90% UR) 3 to 4 min

ATTENTION: Glass plate could be cooler if a longer working time is desired.

### **Application**

During application and light-curing, you should avoid contact with water or saliva. In cases where the residual dentin layer is equal or inferior than 0,5mm or in the presence of exposed pulp. It is recommended to apply calcium hydroxide cement before VITRO LINER application.

The product should be applied after isolation and drying of the cavity. Apply VITRO LINER in the cavity with a syringe Centrix to prevent the formation of air bubbles inside the material. Wait for the cure of the material before continuing with the restoration.

In composite resin restorations:

- The application of VITRO LINER should be restricted to the deepest point of the cavity, thus allowing the adhesive to form a hybrid layer.
- Avoid the contact between the phosphoric acid with the VITRO LINER. However, if the contact happens, it is not necessary to remove the product, continue with the adhesive system. Product wastes must not be reused. They must be disposed as the local law in force.