

Directions for Use

Transparent Matrix and Bite Registration Material based on Addition Curing Vinyl Silicones

Oxford Trans is a transparent matrix material based on addition curing vinyl silicones. For this purpose make an impression of the surface before beginning the preparation. This impression builds a tailor made transparent matrix for the subsequent restoration (e.g. veneers) with light curing composites.

Oxford Trans is also suitable as a transparent bite registration material for fast and precise bite registration. Because of the transparency the occlusion can be visually controlled.

With the AUTOMIX cartridge Oxford Trans can be applied free of bubbles directly onto the teeth.

Preparation of the AUTOMIX-Cartridge

First Scientific Dental Materials GmbH only recommends for Oxford Trans the use of mixing cannulas type Oxford Mix TIP(O) green.

Mount the cartridge into the application gun. Remove and dispose the closure-cap. For exact flow control extrude slightly material until uniform flow from both orifices is achieved. Install the mixing cannula onto the cartridge and extrude needed material.

Note:

Store used cartridge with fixed used mixing cannula. **Do not re-use the cartridge cap.** Closing the cartridge by turning on the cap between use could cause cross contamination of components and thus premature setting.

Application

Matrix Material

Apply the automatically mixed material onto the surface you want to restore. For better light penetration smooth the surface (e.g. place a mylar strip on the matrix). The final thickness of the matrix should be about 5 mm.

Oxford Trans has a working time of 25 seconds (at 23 °C or 74 °F) from start of mixing. After a setting time of about 1:20 minutes remove the matrix from the mouth.

Prepare the tooth as usual and apply a light curing composite according to the manufacturer instructions with slight excess directly onto the tooth or into the matrix. Reposition the matrix and light cure the composite through the matrix. Remove the matrix and light cure again to guarantee complete polymerization. Remove excess material and – if necessary – check the occlusion.

If the composite (e.g. in case of deep cavities) is applied in layers, apply the final layer with slight excess, reposition the matrix and light cure.

Bite Registration

Apply the automatically mixed material directly onto the occlusal surface. Within 25 seconds after the beginning of the extruding (working time at 23 °C or 74 °F) bring the bite into the desired intercuspitation. The recommended time in mouth is about 1:20 minutes.

The transparency of Oxford Trans allows a visual control during fixing of the gypsum model in the articulator.

Note:

Do not contact the product with latex or sulfur-containing polymeric gloves. Do not touch prepared tooth with gloves.

Matrixes and registrates made from Oxford Trans can be stored over months without shrinking.

Storage

Do not store above 25 °C (77 °F)! Do not use after expiration date.

Warranty

First Scientific Dental Materials GmbH warrants this product will be free from defects in material and manufacture. First Scientific Dental Materials makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and First Scientific Dental Materials' sole obligation shall be repair or replacement of the First Scientific Dental Materials product.

Limitation of Liability

Except where prohibited by law, First Scientific Dental Materials GmbH will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Keep away from children!

For dental use only!

Caution:

Federal law restricts the sale of this device to or by the order of a dentist.



Manufacturer:

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