Directions for use **English**

Futar®
Futar® Fast
Futar® D
Futar® D Fast
Futar® D Slow
Futar® Scan

Vinyl polysiloxane bite registration materials

DIN 13903

Manufacturer:
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Simply intelligent

For professional use only. Caution: Federal (U.S.A.) Law restricts this device to sale by or on the order of a dentist.

Made in Germany
37273/3112

CE

Product Description

Futar®, Futar® Fast, Futar® D, Futar® D Fast, Futar® D Slow and Futar® Scan are syringeable addition-curing elastomeric bite registration materials intended for making accurate occlusal records.

Indications

- All Futar bite registration materials (Futar®, Futar® Fast, Futar® D, Futar® D Fast, Futar® D Slow, Futar® Scan) can be used for making accurate occlusal registrations.
- Futar® D materials (Futar® D, Futar® D Fast, Futar® D Slow) can be used for applications, which require a hard bite registration silicone.
- Futar® Fast and Futar® D Fast can be used for "small applications" because of their shorter working time.
- Futar® D Slow can be used for time-consuming bite registrations because of its longer working time.
- Futar® Scan can also be used for an optical registration of occlusal data for CAD/CAM/CIM systems without using powder.

Contraindications

Do not use Futar® bite registration materials for conventional impressions as their high end hardness values severely inhibit withdrawal from the mouth and may result in inadvertent extraction of teeth.

Cautions

Do not use after expiration date.

Do not leave residual bite registration material in the sulcus or oral cavity.

Do not swallow bite registration material! If swallowed: consult a medical doctor if problems arise or persist.

Avoid contact with the eyes. If there is accidental contact with the eyes: rinse immediately and thoroughly with an eye wash or water. Consult a medical doctor if problems arise or persist.

The product does not normally cause allergic reactions; however, for sensitive persons, an allergic reaction to the product cannot be ruled out.

Use of products containing active sulfur, aluminum chloride or nitrogen compounds (retraction cords containing ferric sulfate, polysulfide impression materials etc.) in conjunction with this product will interfere with the setting reaction of the vinyl polysiloxane material. Use of these materials requires the area to be rinsed thoroughly to remove all residues.

If gloves are worn when handling the material, they should be tested with a sample of the bite registration material beforehand to ensure compatibility. Avoid contact with latex gloves.

Do not allow the material to enter the sewerage or water system to avoid environmental hazard.

Avoid contact with clothing, as the material cannot be removed by dry cleaning.

Product Overview and Technical Data

Product name	Working time at 23° C / 74° F ≤	Intraoral setting time at 35° C /95°F ≥	Total setting time* ≥	Hardness (approx.) Shore	Linear dimensional change (approx.) %	Mixing technique	Mixing element
Futar®	30 seconds	1 minute 30 seconds	2 minutes	A 90/ HD 58	- 0.20	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static green mixing tip MB Ø 6.5 mm
Futar® Fast	15 seconds	45 seconds	1 minute	A 90/ HD 58	- 0.20	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static green mixing tip MB Ø 6.5 mm
Futar® D	30 seconds	1 minute 30 seconds	2 minutes	D 43/ HD 76	- 0.10	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static green mixing tip MB Ø 6.5 mm
Futar® D Fast	15 seconds	45 seconds	1 minute	D 43/ HD 76	- 0.10	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static green mixing tip MB Ø 6.5 mm
Futar® D Slow	1 minute 30 seconds	3 minutes	4 minutes 30 seconds	D 43/ HD 76	- 0.10	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static green mixing tip MB Ø 6.5 mm
Futar® Scan	15 seconds	45 seconds	1 minute	D 35/ HD 60	- 0.20	Applyfix® 4 dispensing gun DS-50 1:1/2:1	static yellow mixing tip MB Ø 4.2 mm

*Total setting time (removal time from mouth) from start of mix.

Note

The total working time and intraoral setting time should be strictly adhered to in order to ensure optimal bite registrations. Should the temperature of the material deviate noticeably from 23 °C (74 °F), the total working time and setting times will be affected.

Instructions for use

Insert the cartridge into the Applyfix® 4 dispensing gun DS-50 1:1/2:1. Ensure that the notches on the cartridge base are pointing downwards. The clasp will not close if the cartridge is not properly inserted into the dispensing gun.

Remove the cartridge cap. The cap can be replaced after initial use.

Advance plunger into cartridge and dispense a small amount of impression material until equal amounts are extruded at the same rate.

Install a mixing tip on the cartridge and turn cap 90 degrees in a clockwise direction to lock in place.

Inject material directly onto the patient's occlusal surfaces or occlusal rims.

Leave used mixing tip on the cartridge after use or replace the cartridge cap. Before using the cartridge again, remove cartridge cap or remove and discard the used mixing tip.

Check the cartridge openings to ensure no polymerized material is present. Should this be the case, unblock the openings and dispense a small amount of impression material until equal amounts are extruded at the same rate.

Install a new mixing tip and continue as described above.

The Applyfix® 4 dispensing gun DS-50 1:1/2:1 can be sterilized in the autoclave.

Storage Conditions:

Store in a dry place at room temperature; do not expose to sunlight and avoid exposure to extreme temperature fluctuations.

Disinfection:

Bite registrations can be disinfected using for example, a 2% acidic glutaraldehyde solution. Use disinfection solutions (e.g., Silosept®). See manufacturer instructions.

Trademarks

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Limitation of liability

Except where prohibited by law, Kettenbach 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.

Legend

Conformity with MDD 93/42/EEC	CE	**Use by**	
Temperature limitation	18 °C 64 °F / 35 °C 77 °F	**Keep dry**	
Keep away from sunlight		**Catalog number**	REF
Batch code	LOT	**Caution, consult accompanying documents**	
Dual system (Germany only)		**Diameter**	Ø
Cartridge		**Static mixing tip MB** (single use)	
Millimeter	mm	**Milliliter**	ml
Less than or equal to	≤	**Greater than or equal to**	≥
Rx only For professional use only. Caution: Federal (U.S.A.) Law restricts this device to sale by or on the order of a dentist.		**Single use**	

The information provided for Kettenbach products is based on comprehensive research and experience in application technology.
Results are furnished to the best of our knowledge, subject to technical changes within the framework of product development.
However, users must comply with and consider all recommendations and information in connection with any use.

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