

Instructions for Use

BencoDental

BluPrint® Vinyl polysiloxane bite registration

Product Description

BluPrint®, BluPrint® Rigid and emulate® are syringeable addition-curing elastomeric bite registration materials intended for making accurate occlusal records.

Indications

- All BluPrint and emulate bite registration materials (BluPrint Regular Set, BluPrint Berry Fast Set, BluPrint Fast Set, BluPrint Vanilla Mint Fast Set, BluPrint Fast Set Rigid, BluPrint Vanilla Mint Fast Set Rigid, emulate Clear Fast Set, BluPrint Berry Super Fast Set, BluPrint Super Fast Set, BluPrint Vanilla Mint Super Fast Set) can be used for making accurate occlusal registrations.
- BluPrint Fast Set, Super Fast and emulate Fast Set, can be used for “small applications” because of their shorter working time.
- BluPrint Regular Set can be used for time-consuming bite registrations because of its longer working time.

Warnings

Do not use BluPrint and emulate 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 any 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. Do not use latex gloves.

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

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

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 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.

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emulate® Vinyl polysiloxane clear bite registration

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.

Replace the plug after use. Before using the cartridge again, remove the cartridge cap or the filled mixing tip and check the cartridge outlet openings to ensure that no polymerized materials have sealed the openings. Clear any clogged 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.

Cleaning and disinfection

- Remove the cartridge.
- Remove any uncured paste using a cloth soaked in alcohol.
- The dispensing gun can be used several times if properly disinfected. Benco Dental recommends exchanging the gun if there are visible traces of use.
- Disinfection can be carried out using a commercially available dipping disinfectant. Benco Dental recommends the use of glutaraldehyde-based solutions.

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. See manufacturer instructions.

Trademarks

BluPrint® and emulate® are registered trademarks of Benco Dental.

Note

Selected Benco Dental materials/products are available in certain markets only. For professional use only. Caution: Federal (U.S.A.) Law restricts this device to sale by or on the order of a dentist.

Limitation of liability

Except where prohibited by law, Benco Dental 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.

The information provided for Benco Dental 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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800.GO.BENCO • benco.com
295 CenterPoint Blvd., Pittston, PA 18640

Product Overview and Technical Data

Product Name	Working Time at 23° C / 74° F ≤	Intra Oral Set Time at 35° C/95° F ≥	Total Setting Time* ≥	Shore A- Hardness (approx.)	Linear dimensional change (approx.)%	Mixing technique	Mixing element
BluPrint Regular Set	1 minute	1 minute 30 seconds	2 minutes 30 seconds	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Berry Fast Set	30 seconds	1 minute	1 minute 30 seconds	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Fast Set	30 seconds	1 minute	1 minute 30 seconds	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Vanilla Mint Fast Set	30 seconds	1 minute	1 minute 30 seconds	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Fast Set Rigid	30 seconds	1 minute	1 minute 30 seconds	45	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Vanilla Mint Fast Set Rigid	30 seconds	1 minute	1 minute 30 seconds	45	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
emulate Clear Fast Set	1 minute	1 minute	2 minutes	61	-0.10	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Berry Super Fast Set	30 seconds	30 seconds	1 minute	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Super Fast Set	30 seconds	30 seconds	1 minute	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm
BluPrint Vanilla Mint Super Fast Set	30 seconds	30 seconds	1 minute	88	-0.20	Dispensing gun DS-50 1:1/2:1	Mixing tip, green, 6.5mm