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Zhermack
Dental

C-SILICONES

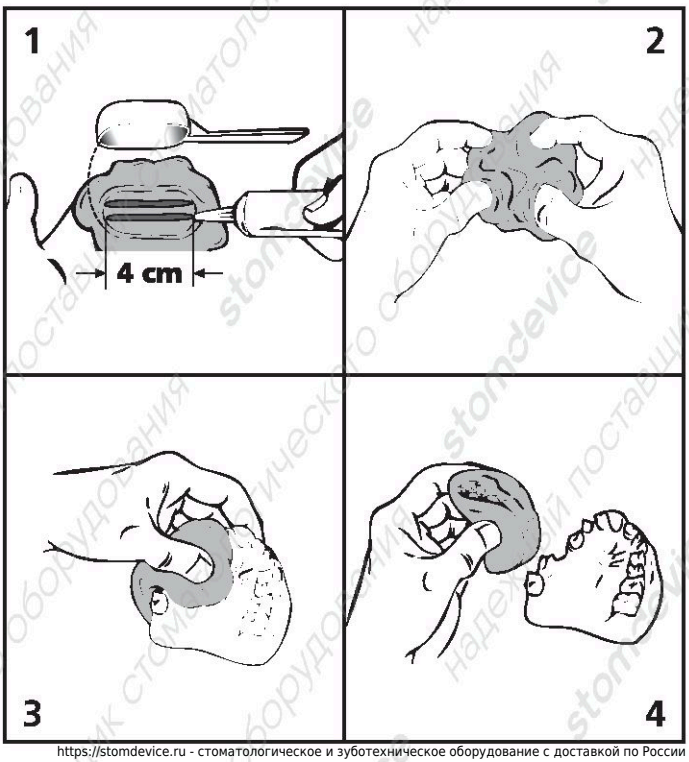
special laboratory polysiloxane (condensation silicone)

zetalabor
hard 85 shore A

titanium
extra hard 95 shore A

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zetalabor titanium

INSTRUCTIONS FOR USE EN

HIGH PRECISION CONDENSATION SILICONES (POLYSILOXANES) FOR THE DENTAL LAB

ZETALABOR – HARD. Polysiloxane which may be mixed with gel or liquid catalyst, characterised by good final hardness (> 80 Shore A), high stability and capacity for reproduction of details and resistance to deformation.

TITANIUM - EXTRA HARD. Polysiloxane which may be mixed with gel or liquid catalyst, characterised by very high final hardness (> 90 Shore A), rigidity, precision, dimensional stability and heat resistance.

USE

- Masks for the manufacture of temporary prosthetics; addition or replacement of elements in total or skeletally anchored prosthetics.
- Removable gingival masks (Gingifast – Zhermack).
- Partial counter-moulding in the muffle for partial or total prosthetics.
- Anchorage in prosthetics repair.
- Occlusal adjustment key for positioning in the articulator.
- Duplication of total prostheses and plaster models without use of insulation.
- Bases for working with photo-polymerising compound resins.

INSTRUCTIONS FOR USE

Dosage:

Use the measuring spoon to take the required quantity of **ZETALABOR / TITANIUM** and spread it on the palm of your hand (note: the measuring spoon must be level). Press the edge of the measuring spoon onto the mass once for each spoonful used.

For every spoonful used, apply **two** strips of **Zhermack Indurent Gel** catalyst as long as the measuring spoon, which is 4 cm (Fig. 1). If using **Zhermack Indurent Liquid** catalyst, use 5 – 6 drops per level spoonful.

Mixing / use:

Fold the mass over on itself and knead it energetically with your fingertips for about 30 sec. until colour is even, without stripes. (Fig. 2).

Now begin to model the mass as required. You have about 2 minutes to work with the mass, including mixing time, at room temperature if gel catalyst is used; with liquid catalyst, the time is reduced by about 30 sec. (Fig. 3). Hardening takes about 6 min. (Fig. 4).

WARNINGS / PRECAUTIONS

The times given are calculated from the start of mixing at a temperature of 23°C (73°F). High temperatures or excessive use of catalyst will speed up hardening. Low temperatures or insufficient catalyst will slow it down. Close indurents properly after use. Do not stain clothing. Use of gloves is recommended. Avoid contact of catalyst with skin and eyes. In the event of accidental contact with the skin, wash well with soap and water. In the event of contact with the eyes, rinse well with water and seek medical attention. If ingested, seek medical attention immediately.

STORAGE

guaranteed for 36 months if stored correctly at temperatures between 5° and 27°C (41°-80°F).

TECHNICAL DATA

	ZETALABOR		TITANIUM	
	INDURENT LIQUID	INDURENT GEL	INDURENT LIQUID	INDURENT GEL
Mixing time*	30″	30″	30″	30″
Working time*	1′30″	2′	1′30″	2′
Setting time*	5′30″	6′	5′30″	6′
Shore A hardness	85	80	95	90
Compressive deformation	< 1%	< 1%	< 1%	< 1%
Elastic recovery	99,0%	99,0%	99,0%	99,0%
Details reproduction	20 µm	20 µm	< 20 µm	< 20 µm
Linear dimensional variation	- 0,20%	- 0,10%	- 0,20%	- 0,10%

*The times given are calculated from the start of mixing at 23°C (73°F).

IMPORTANT NOTES: Advice given verbally, in writing or in demonstrations of the use of our products is based on the current state of dental technique and on our know-how. It is to be considered informative and non-binding, even in relation to the rights of third parties, and does not exempt the user from personally ensuring that the product is suitable for the intended application. Use and application by the user is beyond the manufacturer's control and is therefore the user's responsibility. Any liability for damage shall be limited to the value of the goods supplied by the manufacturer and used by the user.

FOR DENTAL USE ONLY

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