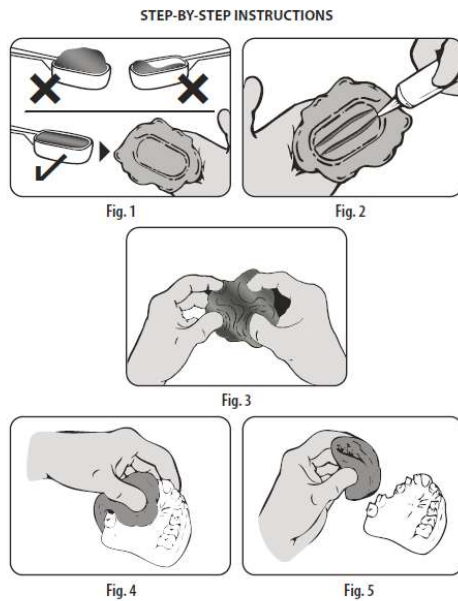


Protesil Labor

C-silicones for use in the Dental Laboratory

EN - INSTRUCTIONS FOR USE



INTENDED USE

Condensation silicones for the dental laboratory.

PRODUCT DESCRIPTION

Protesil Labor : Polysiloxane to be mixed with Protesil Catalyst gel LAB, characterised by good final hardness (80 Shore A), high dimensional stability, superior detail reproduction and resistance to deformation.

Protesil Catalyst gel LAB - catalyst for condensation silicones (Polysiloxanes) developed for dental laboratories only.

FIELDS OF USE

- Masks for making temporary prostheses; addition or replacement of elements on complete dentures or frameworks.
- Removable gum masks.
- Partial counter-mould in flask for partial or complete prostheses.
- Blocking prostheses repairs.
- Bite registration key for positioning in articulator.
- Duplication of complete prostheses and stone models, without the use of insulating materials.
- Support for processing light-curing composite resins.

WARNINGS AND PRECAUTIONS

- **Not suitable for use on dental patients.** Do not use in combination with impression-taking silicones.
 - We recommend the use of **protective gloves** and **work clothes**.
 - **Do not ingest.** If ingested, seek immediate medical advice.
 - During the mixing process, the product may release vapours with a characteristic smell of alcohol, avoid inhalation.
 - **Avoid direct contact between the catalyst and skin and eyes.** In the event of accidental contact with the eyes, flush immediately with plenty of water. In the event of accidental contact with the skin, wash thoroughly with soap and water. If irritation, redness or other signs of hypersensitivity occur during the use of Protesil Catalyst gel LAB, stop using the product and consult a doctor.
 - Before opening the tube of catalyst, even it out with your fingers.
 - The first time you use the catalyst, eliminate all excess liquid.
 - The catalyst is sensitive to humidity; we recommend you close the tube of catalyst immediately after extruding the material to avoid the nozzle getting clogged.
 - Use the product at an ambient temperature of 23 °C/73 °F (higher temperatures reduce working time, lower temperatures extend working time).
- Higher doses of catalyst increase the linear dimensional variation of the material.
- Avoid contact with clothing because the catalyst leaves indelible stains.
 - The product and its packaging must be disposed of in accordance with the applicable local regulations.

STEP-BY-STEP INSTRUCTIONS

Protesil Catalyst gel LAB is designed to be used only in combination with **Protesil Labor**.

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Doses:

- Use the measuring spoon to measure out the necessary quantity of **Protesil Labor** and spread it on the palm of your hand (note: the measuring spoon must be filled flush with the surface) (Fig. 1).
- Impress the rim of the measuring spoon onto the material as many times as the measures used. For each measure taken, spread **two** strips of Protesil Catalyst gel LAB of the same length as the measuring spoon, i.e. about 4 cm (Fig. 2).

Mixing / use:

- Mix together using your fingertips, folding the material onto itself repeatedly, until you obtain an evenly coloured mass without streaks for approximately 30 seconds (Fig. 3).
- Start modelling the mass as needed. The working time, including mixing, is approximately 2 minutes for Protesil Labor (Fig. 4).
- Setting takes approximately 6 minutes (Fig. 5).

STORAGE AND SHELF-LIFE

All products are guaranteed to have a shelf-life of 3 years from the date of production if they are stored correctly between 5 and 27 °C (41- 80 °F), away from direct sunlight.

Store the Protesil Catalyst gel LAB between 5 and 27°C (41- 80°F) in a dry place, away from direct sunlight.

TECHNICAL SPECIFICATIONS PROTESIL LABOR

Mixing time 30"

Working time* 2'

Setting time* 6'

Shore A hardness (1 hour) 80

Compression strains 2%

Elastic recovery 98%

Detail reproduction 20 µm

Linear dimensional change (after 24 h) 0.25%

Linear dimensional change (7 days) 0.30%

Base mixing ratio: Catalyst 18 g: 0.31 g

*The times are intended from the start of mixing at 23 °C/73 °F and 50% of relative humidity. Intensive mixing, high temperatures and excessive doses of Protesil Catalyst gel LAB speed up polymerization times. Low temperatures and insufficient doses slow down polymerization times.

IMPORTANT REMARKS: consultations issued verbally, in writing or in the form of demonstrations on the use of our products are based on the current state of dental surgery work and our know-how. They should be considered non-binding information also in relation to any third-party rights and do not absolve the professional operator from having to check personally whether the product is suitable for the application envisaged. Use and application on the part of the professional operator take place without the company being able to control such activities, which therefore lie under the responsibility of the professional operator. Any liability for damages is limited to the value of the goods supplied by the company and used by the professional operator.

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