

mollosil[®]plus

Long-term soft relining material for chairside use,
A-silicone based, cold curing



Fig. 1



Fig. 2



Fig. 3



Fig. 4

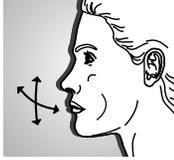


Fig. 5



Fig. 6



Fig. 7



Fig. 8

1. Preparation of the denture

- **Removal of existing relinings** (Fig. 1): The old, existing relining has to be removed completely. Grind off the denture base approx. 1–2 mm, depending on the situation. Incorporate at the vestibular, lingual resp. dorsal borders a shoulder of approx. 2–3 mm in height with a depth of minimum 1 mm. Round off the borders and clean the denture thoroughly.

- **Degreasing** (Fig. 2): Degrease by means of pure medical alcohol and let dry.

- **Applying the primer for adhesion** (Fig. 3): Apply the primer uniformly and completely onto the grinded denture areas to which the material has to adhere. Avoid contact with eyes! Wear suitable eye protection! **Let the primer dry for approx. 1 minute.** After use close the bottle immediately. Saliva, humidity or monomer liquids prevent the adhesion of **mollosil[®]plus** to the denture base.

2. Use of dispenser/mixing jet

Mount cartridge onto dispenser (is sold separately, art.-no. 02343) according to special instructions. Remove and dispose of closure cap, **do not re-use!** For exact flow control extrude slightly material until uniform flow from both orifices is achieved. Install mixing jet onto cartridge and extrude needed material. After each use leave the used mixing jet in place to seal the cartridge.

3. Direct chairside relining method

- **Coating the denture** (Fig. 4): Prepare denture as described under point 1. Apply **mollosil[®]plus** cartridge material uniformly by means of dispenser (see point 2) onto the vestibular, lingual resp. dorsal borders. Then coat completely the remaining denture with a layer of minimum 2 mm. All denture areas in contact with the gingiva have to be coated.

- **Functional movements** (Fig. 5): Seat the coated denture into the patient's mouth and let him close in normal occlusion. Setting is finished after approx. 5 minutes. Then remove the relined denture and trim and polish as described under point 5.

4. Indirect method in the laboratory

Invest denture to be relined into a flask with counter. Remove denture from the flask and prepare as described under point 1. Coat the model with an usual alginate based insulation. Extrude the required amount of **mollosil[®]plus** from the cartridge by means of dispenser (see point 2) and apply it uniformly onto the denture area to be relined (the layer of **mollosil[®]plus** should be approx. 1 mm more than the base material has been grinded off). Close flask with counter. Press with light pressure for approx. 30 minutes or place flask in a pressure pot at 40–45°C/104–113°F for approx. 10 minutes in the water bath. Then deflask the relined denture and trim and polish as described under point 5.

5. Final trimming and varnishing

- **Smoothing of uneven spots:** Remove excess material with a sharp scalpel or fine scissors (Fig. 6). Then smooth rough areas and borders by means of the grinding instrument with approx. 8000 r.p.m. under low pressure (Fig. 7) and preferably the **Molloplast[®]** pre-polishers (are sold separately, art.-no. 03153).

- **Polish** (Fig. 8): **mollosil[®]plus** polish is applied only for smoothing of the trimmed functional borders (mixing ratio: polish and catalyst 1:1). Avoid contact with eyes and skin! Wear suitable eye protection and gloves! Open the aluminium cap with a spatula, squeeze both liquids onto a mixing pad in a mixing ratio of 1:1, spatulate to a homogeneous mixture and brush on the mixed liquid. Let dry at room temperature for approx. 5 minutes.

6. Cleaning hints for the patient

Brush the relined denture several times a day under running water with a tooth brush and neutral soap. Cleaning bath: up to a maximum of 10 minutes.

Important working hints

- Absolutely firm bonding is obtained only by applying the primer onto roughened surfaces!
- Primer must cover the entire area completely! For better application check the primer contains a colour indicator.
- **mollosil[®]plus** coating must cover the surface of denture in contact with the gingiva completely and uniformly! Otherwise adhesion problems may occur.
- Setting times must be strictly observed!
- For trimming with grinding sleeve apply pressure with approx. 8000 r.p.m. – use grinding sleeve for silicone materials only!
- Please follow the instructions of the safety data sheets!

Further information:

Silicone based materials are proven a million times. On condition of a proper application, undesired effects are not to be expected. However, reactions of the immune system like allergies, irritations, cannot be absolutely excluded. In case of doubt, we recommend to get tested the allergenic potential before the application of the material.

For use by trained specialist staff.

