



# USING MUCOPREN® SOFT

## IN THE LAB



1

### Removing the impression material

After the denture to be relined has been set in plaster in the relining device, the impression material can be removed.



2

### Milling

Then grind the surface with a burr to the desired layer thickness of the long-lasting soft reline material.



Burr(s)

Recommendation: Burr ISO 500 104...



3

### Grinding the edge

For a clean vestibular transition from the permanently soft reline material to the prosthetic acrylic, it is recommended to grind in a right-angled edge.



Burr(s)

Recommendation: Burr ISO 500 104...



4

### Applying adhesive

Apply **Mucopren®** Adhesive once thinly with a brush onto the areas to be relined.



**Mucopren®**  
Adhesive

Then allow to air dry for 90 seconds.  
**Note:** It should be ensured that the adhesive is applied beyond the edge.

5

### Isolating the plaster model

Brush the plaster model with an insulating agent during air drying.



Conventional  
isolating agent,  
brush

**Note:** Agar-agar-based isolation can form a breeding ground for microorganisms, e.g., *Candida albicans*, and must not be used.

6

### Applying Mucopren® Soft

Apply the cartridge with the **Mucopren®** Soft reline material (blue cap) evenly using the Applyfix 4 dispensing gun.



**Mucopren®**  
Soft, Applyfix 4

Discard a small amount of reline material beforehand for optimum mixing of the two components ("continuous extrusion").

**Note:** Leave the tip opening of the mixing tip in the material to prevent air bubbles. Working time: 2 min. 15 sec.

7

### Placing in the relining device

Insert the relined denture into the relining device.



Relining device

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8	<p><b>Relining device in the pressure pot</b></p> <p>Put the relining device in a pressure pot (without pressure) or a water bath containing warm water at <math>\geq 50^{\circ}\text{C}</math> for at least 3 minutes.</p>		<p>Water bath / pressure pot</p>	<p><b>Note:</b> Dentures that are not made of conventional autopolymers should be placed in a temperature-controlled water bath (<math>30^{\circ}\text{C} - 35^{\circ}\text{C}</math>) for 2 hours.</p>
9	<p><b>Preparing</b></p> <p>After curing, remove excess material using scissors, a scalpel and/or a rotary instrument to ensure a clean transition from the denture acrylic to the long-lasting soft reline margin.</p>		<p>Burr, e.g., 'Figur 82060' from Busch, scalpel, scissors</p>	<p>Steel burs with cross-cut are suitable for rough processing of the long-lasting soft reline materials.</p>
10	<p><b>Fine processing</b></p> <p>Subsequent fine processing can be carried out using the polishing discs (included in the basic set). Ground acrylic surfaces can be polished according to the usual procedure.</p>		<p>Polishing disc</p>	<p>Do not use any greasy polishing pastes. Always clean with hot water (steam cleaner) and dry before sealing.</p>
11	<p><b>Applying silicone sealant</b></p> <p>Apply a thin layer of Mucopren® silicone sealant (red cap) to the prepared surface of the long-lasting soft reline material.</p>		<p>Mucopren® silicone sealant, Applyfix 4</p>	<p>We recommend placing a small amount of Mucopren® silicone sealant in a suitable container (see acrylic insert) and applying it with a brush within 90 seconds.</p>
12	<p><b>Consider the transition</b></p> <p>Apply the silicone sealant up to the transition from the hard to the soft denture material with a brush (included in the basic set).</p>		<p>Mucopren® silicone sealant, brush</p>	
13	<p><b>Ensuring freedom from adhesion</b></p> <p>The silicone sealant is adhesion-free after at least 5 minutes. During this time, make sure the silicone sealant remains untouched.</p>			<p><b>Note:</b> The final mechanical properties of the silicone sealant are achieved after several hours at mouth temperature.</p>
14	<p><b>Water bath</b></p> <p>Finally, place the relined denture in warm water at <math>50^{\circ}\text{C}</math> for 45 minutes.</p>		<p>Water bath / pressure pot</p>	<p>Alternatively, the denture can be put in the pressure pot at <math>50^{\circ}\text{C}</math> (without pressure).</p>