For each field of dental impression, we offer you a varied range of impression materials adapted to your specific needs. In the following, you will find information on possible combinations of the different materials for the double impression technique and the double mixing technique, instructions for use and technical data.

In order to avoid any failures during the hardening process of the kneadable A-silicones, it is recommended not to wear latex gloves when processing them! If the material is packed in tins, please take care that you do not mix up caps and measuring spoons. This could lead to a contamination of the material inside the tin. (Please take note of the colour coding!)

**Recommendations for the use of the double impression technique:**

Knead the required quantity of BISICO S 1 or BISICO S 1 soft superhydrophil (equal quantities of A and B component) until the material develops a homogeneous colour. Apply the mixture to a customised impression tray and insert it into the patient’s mouth for taking a preliminary impression. When using BISICO Compress heavy, the impression tray is filled directly from the automatic dosing and mixing appliance.

After a maximum period of 3 minutes the impression can be removed.

To prepare the final impression, the critical areas of the preliminary impression has to be cut off. This concerns mainly the cervical borders of the non-prepared teeth as well as the interdental spaces.

For correction, the kneadable BISICO S 4 in tubes or cartridges or BISICO S 4 superhydrophil in cartridges are suitable.

When using correction silicones in cartridges, no mixing procedure is necessary as the already mixed material can be applied directly from the cartridge with the help of an intra-oral tip (I.O.T.).

When using correction material in tubes, mix the required quantity of the silicone (equal quantities of A and B components) on a mixing pad until a homogeneous colour of the material has been achieved (max. 30 sec.), then fill the material into an application syringe and apply it onto the prepared teeth. The remaining material is put into the preliminary impression.

After that the preliminary impression is inserted into the patient’s mouth and, by applying a short, vigorous pressure (approx. 10 sec.), it is placed into the correct position. After 3 minutes the impression can be removed.

**Recommendations for the use of the double mixing technique:**

When using the double mixing technique, you obtain, in only one operation, both in customized trays and in individual trays, impressions of highest precision which are absolutely free of tension.

The tray material is mixed and filled in the tray and the correction silicone is applied onto the teeth at the same time. Depending on the material used, mixing is made by hand (without gloves) or by removing and filling the tray directly from the cartridge (BISICO Precision). When using BISICO Compress heavy, the tray is filled directly from the mixing appliance (see additional note below).

Insert the impression tray into the mouth, place it, by applying moderate pressure, into the correct position and keep it still for about 3 minutes until the silicone has hardened. Afterwards the impression can be removed.

Both silicone materials combine homogeneously with each other and an absolute tension-free impression is the result.

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**Possible combinations of BISICO impression silicones**

<table>
<thead>
<tr>
<th>Correction material</th>
<th>BISICO S 1</th>
<th>BISICO S 1 soft superhydrophil</th>
<th>BISICO S 1 soft, putty</th>
<th>BISICO Precision, cartridge</th>
<th>BISICO Compress heavy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double mixing technique</td>
<td>S 4</td>
<td>S 4</td>
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**Instructions for use GB**

BISICO Dispenser 75 is needed.

**Use of automatic dosing and mixing appliances:**

For the use of the products BISICO Compress heavy and monor, a customary dosing and mixing appliance is needed. The instructions for use of these appliances have to be strictly observed.

Before its first use, remove the lid and insert the cartridge in the mixing appliance. Before attaching the dynamic mixing tip, squeeze out a small quantity of the material from the material comes out of both openings. Then put the dynamic mixing tip on the cartridge (please take note of the correct position) and turn the blue bayonet ring enclosed so that it is fixed to the cartridge. Now the tray can be filled. Only just before using the material, the dynamic mixing tip is changed; the used mixing tip always remains on the cartridge until next usage.

**Additional information:**

- When using hydrophilic silicones, an impression of especially high precision and an unsurpassed surface finish is achieved which is due to its excellent flowing properties, particularly in moist areas. However, even when using hydrophilic silicones, special attention should be paid to the fact that a “drying” of the surrounding areas should take place at any rate!
- To obtain a model of highest surface quality, you should wait about 3 – 4 hours before pouring the model.
- Some haemostatics products may cause irritation during the polymerisation of addition-curing silicones!

**Environmental recommendations:**

Small quantities of cured BISICO impression silicones (e.g. material for one impression) may be disposed of together with household refuse. Non cured silicone must be cured (hardened) before being disposed off. Fully emptied 1 : 1 cartridges are recyclable!

**Federal law restricts this device to sale by or on the order of a dentist.**