

# FuturaBasic Cold

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## Instructions for use

### Indikation:

Manufacture of partial and total dentures with flow process.

### Characteristics:

- colour-stable
- simple to work

### Mixing ratio:

10 parts powder by weight

7 parts liquid by weight

For a full denture, about 20 g powder and 14 g liquid are required.

### Working:

- The plaster surfaces are insulated with Futura-Sep Plus alginate insulation (Schütz Dental).
- After addition of the plastic powder to the liquid and a swelling time of approx. 15 seconds, FuturaBasic Cold is mixed homogeneously in a mixing beaker with a spatula.
- The FuturaBasic Cold dough can be poured into a silicone index, for example, during the approx. 2 minute pouring phase. After the start of the plastic phase, it no longer flows out of the index and can be modelled.
- In order to avoid plastic teeth from breaking out, as in the case of PMMA plastics, they must be roughened, have undercuts made in them and be moistened with monomer or HS Cross liquid (Schütz Dental).
- After a maximum of 5 minutes (at room temperature of 23 °C) FuturaBasic Cold must be put into a pressure polymerisation device (e.g. Futuramat from Schütz Dental) to polymerise.

### Important:

At room temperature different from 23 °C: higher temperatures shorten and lower temperatures prolong the working times. Do not use after the expiry date.

### Polymerisation:

The polymerisation time in a pressure polymerisation device is 15 minutes at a pressure of 2 – 5 bar and a water temperature of 45 °C.

### Repair note:

Repairs can be carried out e.g. with FuturaBasic Cold or Futura Self. Before applying the plastic

dough, the broken surfaces must be roughened, cleaned and moistened with monomer. The polymerisation time in a pressure polymerisation device is 15 minutes at a pressure of 2 – 5 bar and a water temperature of 45 °C.

### Storage:

Store at 10 – 25 °C.

### Side effects:

Unwanted side effects of this medicinal product are extremely rare when it is worked and used correctly. However, immune reactions (e.g. allergies) or local discomfort cannot be completely excluded. If you become aware of unwanted side effect, even in doubtful cases, please notify us.

### Contraindications / interactions:

In the event of hypersensitivity of the patient to one of the constituents, this product must not be used or should be used only under the strict supervision of the treating doctor/dentist. In these cases, the composition of the medicinal product supplied by us is available on request. Known cross reactions or interactions of the medicinal product with other substances already in the mouth must be taken into account by the dentist when using it.

### Note:

Please pass on all the information above to the treating dentist if you are working this medicinal product for a custom fabrication. When working it, please follow the existing safety data sheets.

### Hazard warning:

Avoid skin contact with unpolymerized material for a longer period of time and inhalation of monomer vapors.

Open containers: Do not use after the expiration date.

### Disposal:

The powder can be disposed of in domestic refuse. The liquid must be disposed of in hazardous waste.

## Troubleshooting

Problem	Cause	Solution
Acrylic does not cure completely	– incorrect mixing ratio	– adhere to instructions – adhere to mixing ratio
Acrylic shows a whitish tint at the bottom	– incorrect or insufficient insulation – model was not soaked in water	– insulate properly – check insulation agent, if necessary – soak model in lukewarm water for ca. 10 min.
Bubbles form at the bottom of the acrylic	– model was not soaked in water	– soak model in lukewarm water for ca. 10 min.
Surface of the acrylic appears white and porous	– acrylic was cast too late respectively too much time passed until it was set into the pressure pot	– adhere to the processing times
Color deviations between repairs and original restoration	– incorrect mixing ratio	– adhere to mixing ratio
Acrylic breaks when lifted	– insufficiently insulated	– check insulation
Acrylic / restoration shows whitish streaks	– badly mixed / too much powder used	– carefully mix acrylic dough with a spatula, adhere to mixing ratio
Acrylic cures too quickly	– temperatures too high, processing steps take too long	– adhere to temperatures / processing times, storage at 10 – 25 °C (50 – 77 °F)