



Alginate Impression Material – dust free

ISO 1563



The ideal mass for dental impressions with characteristic advantages

- not injurious to health: no troublesome dust
- aseptic
- easy detaching from jaw and teeth
- optimum definition of details
- smooth surface of the model

Physical data

Mixing ratio
powder : water 17 g : 39 ml

Mixing time

By hand 30 sec
Total working time app. 60 sec
Setting time app. 120 sec
Recovery from deformation approx. 96 %
Strain in compression approx. 14 %

Attention

The stated setting time includes the mixing time and the minimum manipulation time and is based upon mixing with deionized water of 23° C. The total working time and setting time depend mainly on the temperature of used water. Cold water retards, warm water accelerates setting; for example, temperature increment of 2° C reduces working and setting time for approx. 10 sec. Hardness of tap water may lead to a shorter working and setting time.

Working method

Invert the can a few times before using in order to loosen the powder.
The enclosed measuring set facilitates a precise measuring e.g.:

- for a big impression 1 measuring spoon of powder (17 g) + 39 ml of water are needed.

Fill the measuring spoon with the loosened GILALGIN-powder and smooth it out without pressure. Then strew the powder into the appropriate quantity of water and spatulate thoroughly to a homogenous paste. The perforated impression tray is filled with the mix and inserted into the oral cavity. During the period of intraoral setting the tray should be supported slightly. After removal from the mouth wash the impression thoroughly with cold water to eliminate saliva and debris.

Important

For highest precision pour the GILALGIN impression immediately. We recommend our synthetic dental stone "GILSTONE" (ISO 6873 - type 4) or "GILUDUR" (ISO 6873 - type 3), which are advantageously adapted to GILALGIN. However other dental stones, compatible with alginate impression materials and complying with ISO 6873 (- type 4 or - type 3) are suitable.

GILALGIN impressions must be kept in closed plastic containers for a transport. Do not store the impression in water.

Packaging

Fibre drums with foil liner	25,0 kg
Aluthene pouches	0,450 kg
20 pouches per carton	9,0 kg

Shelf life

At least 1 year if stored cool and dry in tightly closed packages.

The above recommendations are given to the best of our knowledge. We grant the quality of our products according to our specification. Any further liability cannot be accepted since the proper application of our products is outside of our control.