

# Gilalgin CC 100



Dental

## Alginate impression material, dust reduced Type I (fast setting class A)

ISO 1563



Gilalgin CC is a lead free 3 colour timed Alginate. The colour timing sequence ensures accuracy in case of use whether experienced or a novice in impression taking. GILALGIN CC is germicidal which makes impression hygiene easy. A special antimicrobial agent in the powder disinfects the impression after removal from the mouth. Therefore, dimensional changes, caused by immersion into disinfecting solutions are avoided.

### Indication

GILALGIN CC is suitable for all impression techniques, e.g. denture construction, study models, orthodontics.

### Mixing

Transfer GILALGIN CC from the foil bag to the container and always loosen the powder by inverting the container two or three times before use. Lightly dip the large scoop into the powder, tap gently and remove any excess with the spatula (take care not to compress the powder in the scoop).

Place the powder in a clean dry, flexible mixing bowl. For normal impressions one large scoopful (17 g) is sufficient. Add one small scoop of water (39 ml) and spatulate thoroughly until a creamy smooth mix is obtained, which will take approximately 50 seconds. GILALGIN CC will be violet coloured during mixing. For best results use water at 23 °C. Colder water retards setting. Warmer water accelerates setting.

**Mixing ratio** 17 g : 39 ml  
3 measuring spoons : 1 measuring cup

**Mixing time (manual)** app. 40 sec

**Working time** app. 70 sec

**Setting time** from start of mix app. 100 sec  
at temperature of app. 23 °C

**Recovery from deformation** app. 98 %

**Strain in comparison** app. 13 %

**Compressive strength** app. 1,1 N/mm<sup>2</sup>

**Dental reproduction** app. 20 micron

### Impression taking

A tray adhesive is recommended

Have the patient rinse the mouth with warm water. Load the tray when the colour of the mix turns pink and seat the tray into the patients mouth when the mix starts to turn to white. Retain, under slight pressure, for approximately 30 seconds.

Remove the impression from the patients mouth and rinse under cold running water. The special antimicrobial agent contained in GILALGIN CC will disinfect the impression throughout. The handle and the surface on the tray which are not covered by GILALGIN CC should be disinfected by a conventional surface disinfectant spray.

### Casting

Alginate impressions should be cast immediately after removal from the mouth. If this is not possible, wrap the impression in a damp tissue and keep in a sealed polythene bag to minimise dimensional change. GILALGIN CC impressions do retain their accuracy for a considerable time, if stored in a moist atmosphere of 100 % relative humidity. However, it is recommended that the model is cast within 12 hours of impression taking.

### Storage

Immediately after each use, firmly close the lid of the container. Store in a dry place at room temperature. GILALGIN CC has a shelf life of at least 1 year.

### Precaution

GILALGIN CC contains silicate, therefore avoid inhaling dust when handling the powder.

Avoid contact with eyes. In case of eye contact, rinse immediately with plenty of water and seek medical advice. In some rare cases skin sensitisation might occur. If this happens, discontinue use and consult a physician.

### Packaging

Cartons 25 kg  
Pouches 450 g