



## Synthetic Hard Plaster

**EN ISO 6873**

**Giludur for master- and working models and as flask material in the plastic prosthetic technique, also for occluding dentition.**

**Giludur** offers

- models of high strength
- balanced expansion
- consistant quality

### Physical data

Setting time	app. 10 min.
Hardness after 24 hours	min. 90 MPa
Compressive strength after 24 hours	min. 30 MPa
Setting expansion after 2 hours	max. 0.2 %

### Working method

Mixing ratio

**Giludur** : dest. Water                    100 g : 30 ml

Working temperature                    app. 23° C

Strew the powder in the given ratio into the water within 10 sec. and allow the mix to soak for 20 sec.

Mechanical mixing                    30 sec

Hand mixing                                60 sec

The initial consistency becomes more fluid during mixing and reaches optimum fluidity,

when pouring the moulds on the vibrator.

Pouring time                                app. 6 min

Do not vibrate after this time so as not to disturb the crystallization.

### Availability

**Giludur** is available in White, Blue and Yellow.

### Packaging

Paper bags with foil liner	25 kg
Portable cartons with foil liner	20 kg

### Shelf life

At least 1 year in well closed, vapour-proof packages and dry storage conditions.



## Important

**Giludur** - like all plaster products - is sensitive to humidity and contact with the air should be avoided. If repackaged use only vapour-proof material e.g.

- plastic - aluminium foil
- low-pressure-polythene containers with a wall thickness of min. 0.5 mm.

Container should be well sealed between usage and should be stored in a dry area.

**Giludur** which has been stored at extreme temperatures should be equilibrated at R.T. for several hours before use.

It is recommended that a model which has dried out during storage be soaked in water for approx. 2 min. before sawing or removing wax (injection method).

The recommendations are given to the best of our knowledge after careful control. 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