



EN ISO 6873

## Synthetic dental plaster of the highest die-stone quality extra white

For the manufacture of models in the technique of gnatho-orthopedics, for study and control models.

### GILDONT grants

- smooth surfaces
- high strength
- minimum expansion
- constant high quality

### Physical data

Setting time	ca. 10 min
Compressive strength after 24 hours	min. 45 N/mm <sup>2</sup>
Hardness after 24 hours	min. 140 N/mm <sup>2</sup>
Setting expansion after 2 hours	app. 0.10 %

### Working method

Mixing ratio	
GILDONT : dest. water	100 g : 25 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. 5 min.
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Do not vibrate after this time so as not to disturb the crystallization.

### Availability

Extra white

### Packaging

Paper bags with foil liner 25 kg  
 Portable cartons with foil liner 25 kg  
 Plastic containers 5 kg  
 4 plastic containers in a carton 20 kg

### Shelf life

At least 1 year in well closed vapour-proof packages.

### Important

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

- 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.

GILDONT 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. Any further liability cannot be accepted since the proper application of our products is outside of our control.