GILDONT

Dental

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

EN ISO 6873

Gildont is ideal for the manufacture of models in the technique of gnatho-orthopedics, for study and control models.

Advantages of Gildont are:
- smooth surfaces
- high strengh
- minimum expansion
- consistant high quality

Physical data

Setting time	ca. 10 min
Compressive strength (after 24 hours)	min. 40 MPa
Hardness (after 24 hours)	min.130 MPa
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.

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	20 / 25 kg
Pouches	5 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. Container should be well sealed between usage and should be stored in a dry area.

For repacking use only vapour-proof material eg.
- plastic-aluminium foil
- low-pressure-polythene containers with a wall-thickness of min. 0,5 mm.

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).

SRL Dental GmbH
Giulinistraße 2, 67065 Ludwigshafen am Rhein - Germany
Phone: +49 621 49085 600 / Fax: +49 621 49085 659
Web: www.srldental.com / E-Mail: info@srl-dental.de