



Plastic improved stump material

EN ISO 6873-4

Synthetic dental plaster of the highest die-stone quality

Extreme edge strength during sawing and denuding of preparation limits.

High fracture strength

For the manufacture of stumps, tooth bands and models in the technique of precious metals and ceramics.

GILPLAST meets highest requirements. The castings

- are of high stability
- have very smooth surfaces
- are scratch resistant
- show high precision

Physical data

Setting time	ca. 15 min.
Compressive strength after 24 h	min. 60 N/mm ²
Hardness after 24 hours	min. 230 N/mm ²
Setting expansion after 2 h	max. 0.10 %

Working method

Mixing ratio	
GILPLAST : distilled water	100 g : 18 - 20 ml
Water : powder	0.18 - 0.20 ml/g

Working temperature approx. 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 under vacuum 60 sec.

Working time 8 min.

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

Availability

Yellow-brown; special colours can be delivered - minimum batch quantity per shipment is 2 tons.

Packaging

Paper bags with foil liner	50 kg
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. Observe expiry date on the label.

Important

- GILPLAST - 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.
- aluminium foil
- plastic 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.

- GILPLAST which has been stored at extreme temperatures should be equilibrated at approx. 23° C for several hours before use.

The recommendations are given to the best of our knowledge after careful control. They are based on the actual state of art. 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.