GILVEST MG SPEED

Dental

Quick-casting embedding compound for model casting system - framework (also usable for overnight technique)

Mixing ratio
For silicone: 100 g powder : 20 ml Gilvest Liquid
For gel dubbling:100 g powder : 18 ml Gilvest Liquid

Processing
- Provide requisite amount of Liquid
- Pour in the powder
- Mix thoroughly for 20 seconds.
- Mix for 1 minute under vacuum.
- Maintain the vacuum for another 10 seconds

Adjust the mould to the lowest agitation setting while filling it. Once the casting muffle has been filled, no further agitation is performed.

Working time approx. 5 minutes

Setting time max. 9 minutes

Overbedding could be made with dest. water.

Speed procedure

Preheating
25 - 35 minutes after filled up, the mould can be placed inside the oven, which is already preheated at a temperature of 900 - 1000°C.

Hold the final temperature, recommended for the alloy for at least 1 hour.

Important
In case of ovens with floor heating, make sure there is sufficient clearance (approx. 1 cm) between the mould and the floor plate

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Liquid concentration for model preparing:
- 50 - 65 % regulare frame work
- 65 - 75 % combination frame work depending on the size and extention of jaw
- 85 – 100 % combination frame work in one piece casting process

The concentrate admixture figures are for guidance only-they depend on the type of alloy involved.

Over night technique

During the heating over night the liquid concentration should be reduced by 5% to 10%, according to alloy and application, as the full setting expansion is reached.

Burnout
After hardening place the mould into the cold oven. At 280 °C and 580 °C the temperature should be maintained for 45 - 60 minutes, depending on the size and the number of the moulds.
Hold the final temperature, recommended for the alloys, 30 - 45 minutes.

Heating rate
app. 3 - 7 °C/min

Maximum temperature 1050 °C

Cast without delay.

Warning
This embedding compound contains quartz and cristobalite. So avoid inhaling the dust!

Do not open the oven during the heating-phase as the arisen wax-steams might catch fire in the air.

The recommendations are given to the best of our knowledge. We grant the quality of our products according to our spezification. Any further liability cannot be accepted since the proper application of our products is outside of our control.

BK Giulini