

GILVEST EHT SUPERFINE



**Dental**

Phosphate bound, carbon free investment for the total range of alloys used in the crowns and bridge technique.

Working temperature

powder and Liquid app. 21 °C

Mixing ratio

100 g powder : 24 ml GILVEST LIQUID

Mixing time

Mix the powder and the Liquid vigorously by means of a spatula for 20 seconds, then mix with a mechanical stirrer under vacuum for 45 seconds and vibrate the mixture for 10 seconds.

Working time

app. 6 min

Final setting time

45 - 60 min

GILVEST EHT superfine can also be casted ringless.

Burnout

After hardening place the casting mould into the cold oven. At 290 °C and 580 °C the temperature should be maintained for 45 - 60 minutes, depending on the size and the number of the casting moulds.

Hold the final temperature, recommended for the alloys, 45 - 60 minutes.

Heating rate

max. 7 - 9 °C/min

Maximum temperature

1050 °C

Cast without delay.

After cooling down at room temperature the casting can be removed from the mould.

Expansion control by means of GILVEST LIQUID

The higher the GILVEST LIQUID content in the mixing fluid, the higher the expansion value. Mix GILVEST LIQUID only with distilled water.

Expansion values

related on a GILVEST LIQUID concentration of 100 %

Setting expansion	app. 1,4 %
Thermal expansion	app. 1,3 %
Total expansion	app. 2,7 %

For higher expansion ask for GILVEST LIQUID concentrated or Liquid G

Important hints

This investment must not come into contact with plaster or investments containing plaster. Use separate mixing tools.

If the wax model is treated with a surface tension reducing wetting agent, let it dry completely before investing. Never use compressed air for drying.

Attention

This investment contains quartz and cristobalite, therefore avoid inhaling dust when handling the powder

Packing units

Fibre drums with foil insert	45 kg
Portable cartons with foil insert	20 kg
Plastic containers, airtight sealed	4,5 kg
4 containers in a carton	18 kg
Envelopes	60/90/160 g

For repacking:

Paper bags with foil insert	25/50 kg
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Storage

In well closed, vapour-proof packages.

Pay attention to the expiry-date on the packages.

The above recommendations are given to the best of our knowledge. 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.