



Mixing ratio

Powder : Liquid 100 g :
28 ml

Processing

- Provide requisite amount of Liquid
- Pour in the powder
- Mix thoroughly for 30 seconds.
- Agitate for 1 minute under vacuum.
- Maintain the vacuum for another 30 seconds

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

Processing time approx. 5
minutes

Wax-mount the wax object on the base of the pressing cylinder in the usual manner.

Lightly coat the pressing cylinder with Vaseline to ensure the pressing cylinder can be removed easily and reliably after the embedding compound has hardened.

Extreme accuracy must be observed when preparing the embedding compound to ensure the required degree of expansion and therefore maximum fit accuracy.

Liquid concentrate

40 - 60 % for inlays, Onlays
60 – 70 % for individual crowns
A higher concentration of Gilvest Liquid increases the total expansion.

Mixing the Embedding Compound

Pour the embedding liquid in corresponding concentration and quantity into the mixing vessel, add a corresponding quantity of embedding compound and blend briefly on the vibrator.

Then mix by machine for 1 minute under vacuum.

Muffle set

100 g max. 3 equivalent wax parts
200 g max. 5 equivalent wax parts

Embedding the Pressing Cylinder

Embedding is conducted in the usual manner. Allow the cylinder to harden in atmosphere for at least 23 to 28 minutes for 100 g muffles and 23 to 30 minutes for 200 g muffles and after removing the plastic base of the cylinder, place it in the preheating furnace set to a temperature of 850 ° C.

Over night heating

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

Preheating time

100 g cylinder	45 minutes
200 g cylinder	60 minutes

The required press ceramic material is then added to the cylinder in the ceramic press furnace in the usual manner.

Cooling and Removing the Cylinder

After the cylinder has cooled it is removed and cleaned abrasively according to usual techniques for the pressable ceramic.

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 after careful control. We guarantee the quality of our products. Any further liability cannot be accepted since the proper application of our products is outside of our control