



WiroFine

The fine distinction – for all partial denture and combination technique applications

- Can be heated rapidly or conventionally to 1,050 °C with ideal expansion values
- Rapid preheating up to 1,000 °C: Insertion temperature = final temperature
- This means an additional time saving of 20–30 % in comparison with investment materials which have to be heated up from 600 °C
- Fine model surfaces also when duplicating with gel – no hardening necessary for silicone duplication
- Ideal flow properties ensure processing without complications
- Excellent fit and high edge strength also make it ideal for combination work
- Can be used for all shapes of mould and wax-up geometries
- Minimal reaction between the investment material and alloy

WiroFine – the extremely fine investment material for the demanding partial denture and combination technique

WiroFine is an extremely reliable and versatile investment material which can be heated rapidly or conventionally to 1,050 °C. The insertion temperature of max. 1,000 °C can also be the final temperature. This ensures time savings of 20–30 % compared to investment materials which have to be placed in the preheating furnace at 600 °C.

As a universal material for the partial denture and combination technique, duplication is possible with both silicone and gel. WiroFine is particularly easy to process as the parameters for various results can be very easily set.

This investment material adapts to the technician's way of working, within certain limits, and can thus be regarded as very robust.

Various mould shapes and sizes as well as changing wax-up geometries do not compromise WiroFine's process reliability. The expansion values can be very precisely controlled with BegoSol® K liquid.

The fine distinction

Since WiroFine is very fine-grained, this investment material also boasts ideal working characteristics in terms of flow properties thanks to its consistency. Even the finest and most slender model parts are filled cleanly and reliably. No hardening is necessary for silicone duplication. The fit is excellent; high edge strength makes WiroFine the first choice for combination work, too. Milled surfaces, for example, are reproduced smoothly and very precisely.

Simple processing

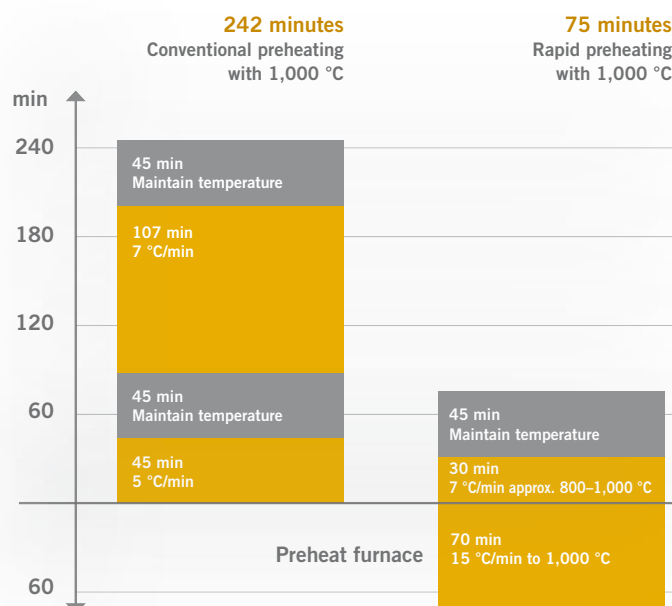
Simple sand blasting thanks to the minimal reaction between the investment material and the alloy. Uncomplicated handling, both with rapid and conventional preheating, makes it easy for dental technicians to switch from their old partial denture investment material to WiroFine.



Rapid preheating up to 1,000 °C: Insertion temperature = final temperature

With WiroFine the moulds can now be placed directly in the furnace at 1,000 °C. This results in an additional time saving of 20–30 % compared to investment materials with insertion temperatures of 600–700 °C. WiroFine can also be heated up conventionally and guarantees ideal expansion values and excellent casting results even for the demanding partial denture technique.

Time comparison for conventional and rapid preheating with WiroFine



WiroFine	
Physical data	
• Working time [20°C]	approx. 3 min 30 s
• Shelf life in unopened bag	2 years
• Beginning of setting (Vicat time)	6 min
• Compressive strength [MPa]	11 MPa
• Linear thermal expansion [%]	0.8 %
• Mixing liquid	BegoSol® K
• Key material values according to DIN EN ISO 15912	

Scope of delivery and recommendations			
Delivery forms	Weight	Piece(s)/unit	REF
• 1 box	6 kg	15 / 400 g bag	54344
• 1 box	18 kg	45 / 400 g bag	54345
The packages do not contain any mixing liquid.			
BegoSol® K mixing liquid	Litre	REF	
• 1 bottle	1 l	51120	
• 1 canister	5 l	51121	

Subject to modifications in design, scope of delivery and composition. Our instructions for use and recommendations are based on our own experience and trials and can only be regarded as guidelines. Date of issue: March 2014.