Refractory Materials

Accuracy and Reliability

For years, all over the world, technicians have trusted BEGO refractory materials for customizing their RPD frameworks. Predicatable fit, controllable expansion, and ultra-smooth surfaces are just some of the many benefits. Join the growing group of laboratories that are using phosphate bonded refractory materials for their chrome cobalt frameworks.

Wirovest®

Finest details

- Wirovest's multi-size grain structure allows for the finest of detail to be reproduced in the refractory model.
- The technician can be assured that all of the details will be transferred to the cast framework ensuring the proper fit and eliminating costly remakes.

Predictable results

- Wirovest's phosphate bonded formula allows the user to have full control over the expansion of the refractory model by adjusting the Begosol mixing liquid to water ratio.
- Technicians can vary the expansion for special cases like deep vaulted palettes, ensuring predictable results and fit.

Saves time and money

- 400 g envelopes ensures proper mixing ratios for fit and shelf-life.
- The pre-measured envelopes gives the technician more control over consistency and fits saving time and money.
- Wirovest's controllable expansion provides a level of fit that helps eliminate costly remakes due to poor fit.
- Increase your lab's productivity. Wirovest has a 2-3 minute working time after vacuum mixing which allows for multiple cases to be poured.

Works with various alloys and systems

- Wirovest phosphate bonded formula works with all high-heat CoCr alloy systems. Save money by using one product that works with various alloys.
- Wirovest works with all leading hydrocolloid duplicating materials.
- Wirovest's unique formula improves the quality of any high-heat partial system.

Specifications

Working time.....approx. 3 min @ 68 ˚F
Total Expansion .....approx. 2.3%
Compressive strength 15 3MPa
Thermal Expansion..... .1.15%

Gelovit® 200
Hydrocolloid duplicating unit with smart sensor technology. Three temperature settings, delay timer and 4-zone heating.

Kombi Flask®
Unique plastic design ensures even, stress free cooling of hydrocolloid. Unique wedge design prevents rotation.

BEGO
Partners in Progress

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Wiroplus® S

The finest detail

– Wiroplus S features a special grain size makes it an excellent refractory material to use with silicone duplicating material. Ultra smooth refractory model surfaces ensure the finest of detail.

– Wiroplus S smooth refractory surfaces do not need to be dipped into a hardening solution, saving and money.

Quick and reliable

– Ample working time allows for multiple case to be poured up.

– The technician has full control over the expansion of their refractory model saving time and metal finishing adjusting.

– Wiroplus S is a must for combination uses.

– 400 g and 200 g size envelopes are available—ideal for pouring refractory models or investing.

Specifications

Working Time	approx. 4 min @ 68 °F
Total Expansion	approx. 2.3%
Compressive Strength	18 MPa
Thermal Expansion	1.2%
Availability	200 g, 400 g

Wiroplus® S
Available in 200 g and 400 g envelopes

Kombi Flask®
Unique plastic design ensures even, stress free cooling of hydrocolloid. Unique wedge design prevents rotation.

Wirofine®

Versatile and reliable

– Wirofine is a reliable and versatile investment material which can be heated normally or through shock heat up for high heat CoCr alloys. The max insertion temperature of 1,825 °F saves 20–30% in time compared to other investments that require a room temperature start.

Fine detail means ideal processing

– Wirofine's fine particle size reporduces the finest of details and retains firm edges. Even extremely fine and delicate model sections are filled properly and reliably. Dipping is not necessary in the case of silicone duplication.

– Good fit and high-edge strength also makes Wirofine the first choice for combination work. Milled surfaces are reproduced smoothly and precisely.

Specifications

Working Time	approx. 3.5 min @ 68 °F
Total Expansion	approx. 2.3%
Compressive Strength	18 MPa
Thermal Expansion	1.2%
Availability	400 g

Wirofine®
Available in 400 g envelopes

Gelovit® 200
Hydrocolloid duplicating unit with smart sensor technology. Three temperature settings, delay timer and 4-zone heating.