

Bellavest® SH

– Shock-Heat –



A universal, shock or conventional heating precision casting investment for crowns and bridges, can also be used for pressable or press-on ceramics

The key factor

- > Phosphate-bonded universal investment for crowns and bridges
- > For precision casting with precious and non-precious metal alloys, pressable and press-on ceramics
- > For all indications with BegoSol® HE special liquid
- > Expansion regulation for optimal results, fine creamy consistency
- > Long working time of 5 minutes
- > Consistently high casting quality, regardless of whether invested with or without a casting ring
- > Hardens with firm edges and can still be easily devested
- > Guaranteed shelf-life of 24 months in sealed bag
- > Portion bags easy to tear open



Speed or conventional

Bellavest® SH is the ideal crown and bridge investment for dental technicians who want the flexibility of working either with conventional heating cycles or with the shock-heat technique. It can be used for restorations fabricated using precious metal, non-precious alloys or using pressable/press-on ceramics.



The high overall expansion of Bellavest® SH ensures precise castings with all non-precious bonding alloys.



Semi-precious to high-gold-content metal alloys, from inlays to long-span bridges.

Easy processing and increased reliability

Bellavest® SH should be mixed under vacuum in a Motova 300 automatic mixing unit or in a Motova 100 using the special BegoSol® HE mixing liquid. The working time is approx. 5 minutes at an ambient temperature of 20°C, i.e. sufficient time for pouring several moulds. Bellavest® SH has a very fine grit size, excellent flowability and can be easily devested despite its high

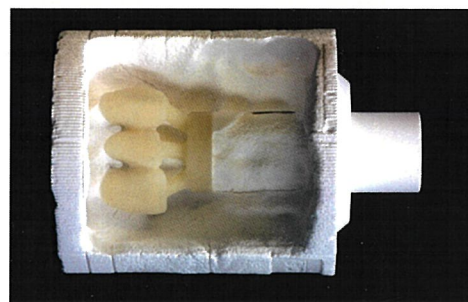
strength. It can be invested using the metal casting ring or ringless technique, e.g. with the BEGO Rapid Ringless system, or using the BeCe PRESS press-on ceramic technique with the SecuPress ring system.



The combination of Bellavest® SH and BegoSol® HE special liquid is ideal for most specialized techniques.

Extremely precise and very smooth

Bellavest® SH, a graphite-free, phosphate-bonded investment is recommended because of its outstanding accuracy of fit even with different applications. The mixing liquid, which is used for regulating the expansion, should be mixed to the required ratio with distilled or demineralised water. The basic rule also applies in this case: the higher the concentration of BegoSol® HE, the higher the expansion of the investment. Bellavest® SH is equally suitable for precious metal and non-precious metal alloys as well as for pressable and press-on ceramics. A feature of Bellavest® SH is its universal use in all practical indications. Even complicated techniques required for telescope crowns, implant superstructures or press-on ceramics can be successfully completed with Bellavest® SH using either the shock-heat or conventional preheat technique.



The universal application of Bellavest® SH is highlighted by its use in pressable and press-on ceramics.

Subject to modifications in design, scope of delivery and composition. Our instructions on use and recommendations are based on our own experience and trials and can only be regarded as guidelines. Date of issue: 01.01.09.

Bellavest® SH

Physical data:

Mixing liquid	BegoSol® HE
Working time at 20 °C approx. [min.]	4.5 – 5
Shelf-life in unopened portion bag [months]	24

Material parameters according to DIN EN ISO 15912:

Initial set (Vicat time) [min.]	10
Compressive strength after 1 hr [MPa]	4.2 – 5.1
Linear thermal expansion [%]	0.85

DIN EN ISO 15912

Availability:	Weight	Pieces/Unit	REF
Bellavest® SH			
1 Carton	12.8 kg	80 x 160 g bag	54252
1 Carton	4.8 kg	30 x 160 g bag	54247
1 Carton	5.0 kg	50 x 100 g bag	70060
1 Carton	12.96 kg	144 x 90 g bag	54257
1 Carton	12.0 kg	200 x 60 g bag	54249
1 Carton	4.5 kg	75 x 60 g bag	54248
1 Carton	10.0 kg	4 x 2.5 kg bag	54800
1 Carton	2.5 kg	1 x 2.5 kg bag	54802

The packs do not contain mixing liquid.

Accessories:

BegoSol® HE mixing liquid	Litre	
1 Bottle	1	51095
1 Canister	5	51096
1 Bottle	1	51095 W
1 Canister	5	51096 W

(BegoSol® HE is sensitive to frost)