Bellavest® DR

Low-dust, shock-heat precision casting investment material for crown and bridge techniques

- Produces at least 80 % less dust during working for considerably improved health protection
- Shock-heat at up to 900 °C or conventional heating translates to flexibility in modern dental laboratories
- Excellent flow properties and the long working time of 5 minutes offer optimal user-friendliness
- The fine, creamy consistency results in very smooth casting surfaces with perfect reproduction of even the finest details
- Consistently high quality and optimal expansion control generate precise accuracy of fit in all indications
- Cures with a high edge-strength – for reliable casting of even the finest details
- The superb deflasking properties emphasise the universal working and pave the way for cost-efficient employment of materials and time

Partners in Progress

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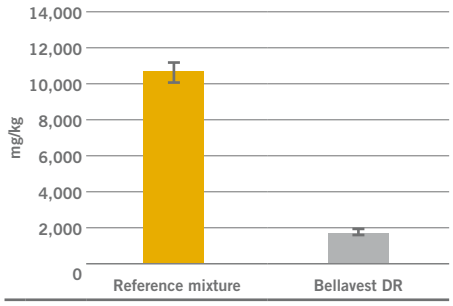
Reduction of fine dust

Bellavest® DR is the perfect crown and bridge investment material for dental technicians who set great store by considerably improved health protection in their daily activities in the lab thanks to the reduction of dust without the simultaneous requirement of changing the way they usually work.

Unlike with conventional, phosphate-bonded investment materials, considerably (at least 80 %) less hazardous fine quartz dust is released when mixing Bellavest® DR.

Reduction of respirable dust



Dust production as per DIN EN 15051-3 Bellavest DR has been classified as producing little dust

Shock-heat at up to 900 °C or conventional heating

Bellavest® DR is ideal for dental technicians who want to work flexibly using either the conventional heating cycle or the shock-heat method. Whether the restoration is to be made from precious metal or a non-precious alloy is completely irrelevant.

Sandblasted frame, optimal frame design

Perfect accuracy of fit as basis for all aesthetic results

Simple working and high degree of safety

Bellavest® DR has a particularly fine grain, flows outstandingly and is easy to deflask despite its high edge-strength. Bellavest® DR is mixed in a vacuum using the special mixing liquid BegoSol® HE.

At an ambient temperature of 20 °C, you have approximately 5 minutes' time for processing, which is more than sufficient for producing multiple moulds in one cycle.

Exceptionally precise and super smooth

Bellavest® DR is a graphite-free, phosphate-bonded investment material also recommended for a range of applications thanks to its excellent accuracy of fit.

- Controlled batch-to-batch consistency guarantees reliability in use
- Freedom when selecting the heating method, shock-heat or gradual heating, offers modern dental technicians the flexibility they require in their daily activities in the lab
- Precise accuracy of fit thanks to very flat surfaces and unambiguous expansion control
- Cost-effective thanks to the wide range of indications and the use of just one mixing liquid

Bellavest® DR

Physical data	
• Working time [20 °C]	Approx. 5 min
• Shelf life in unopened bag	24 months
• Beginning of setting (Vicat time)	Approx. 10 min
• Compressive strength [MPa]	Approx. 5 MPa
• Linear thermal expansion [%]	Approx. 1.1%
• Mixing liquid	BegoSol® HE
• Key material values according to DIN EN ISO 15912	

Scope of delivery and recommendations

Availability	Weight	Piece(s)/unit	REF
• 1 box	12.8 kg	80 × 160 g bag	**54861**
• 1 box	4.8 kg	30 × 160 g bag	**54862**
The packages do not contain any mixing liquid			

BegoSol® HE mixing liquid	Litre	REF
• 1 bottle	1 l	**51095**
• 1 canister	5 l	**51096**
BegoSol® HE is sensitive to freezing		

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: April 2015

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