



BegoStone plus

High-strength dental stone with a high hardness and low expansion

- Scannable
- Outstanding flow properties enable bubble-free pouring
- Thixotropic plaster: can be built up immediately and already has outstanding flow properties when subjected to light vibrations
- High degree of batch constancy thanks to complete quality management
- Maximum reproduction accuracy with all commonly used duplicating materials
- Extremely high bending tensile strength: considerable resistance against breaking-off of teeth and stumps
- Abrasion-resistant thanks to high degree of hardness
- Ideal linear expansion of 0,09 %
- Very smooth model surfaces
- Advantageous processing time of around 5 minutes
- Preparation margins and fine details can be seen particularly clearly thanks to advantageous colour, ivory 35

Partners in Progress



BegoStone plus – Better than the standard, the BEGO type 4 super hard plaster

Through controlled batch constancy this super hard plaster type 4 ensures results that are reproducible at any time. It is characterized in particular by the high reproduction accuracy. Even extremely fine details are reliably reproduced with all commonly used duplicating materials. The flow properties and range of processing have also been significantly optimized. This tixotropic plaster can be built up immediately and already has outstanding flow properties when subjected to light vibrations. Bubble-free pouring is always guaranteed.

The physical data of BegoStone plus greatly surpass the requirements of DIN EN ISO 6873. BegoStone plus is a Type 4 model stone and is suitable for fabricating (including of course scannable) models for inlays, crowns, bridges and cast partial dentures. Due to its extremely high bending tensile strength, BegoStone plus is extremely effective in preventing fractures to teeth and dies.

Convincing properties

The high degree of hardness of BegoStone plus provides secure protection against abrasion and thus against related inaccuracies in the further processing chain. The linear expansion of 0.09 % is an ideal value that correlates to the key process parameters – from the impression material to the investment material.

The model surfaces are very smooth, even extremely fine details are reproduced exactly. With a processing time of 5 minutes several models can be made at the same time.

The plus in colour

The colour, too, ivory 35, is ideally suited to identifying clearly all fine details, such as the preparation limits. BegoStone plus is convincing because of its numerous advantages, which are often decisive for the quality of the work results. Since the use of plaster comes at the beginning of the dental processing chain, it is especially important here to pay attention to the quality because all following work steps are significantly influenced by it.

Securely packed

BegoStone plus is not only an excellent high-strength dental stone, it is also exceptionally well packed: BegoStone plus is supplied in attractive, easily stackable 5 kg and 10 kg tubs with airtight, resealable lids to ensure effective, permanent protection against moisture. The tubs are made entirely from 100 % recyclable polypropylene.

Processing made easy

To be able to take full advantage of the low expansion and favourable processing range, BegoStone plus should be stored at around 20 °C and mixed with water having an appropriate temperature. The dental technician has about 5 minutes to process BegoStone plus. Thus, there is enough leeway to carry out extensive work with a mixture. Every tub of BegoStone plus contains a measuring spoon for the powder and a measuring cup for the water



Master-models made with BegoStone plus display impressive accuracy



BegoStone plus – securely packed and easy to remove

BegoStone plus

Physical data

• Colour	ivory 35
• Soaking time	15 seconds
• Processing time at 20 °C	approx. 5 minutes
• Setting time (Vicat test)	approx. 10 minutes
• Compressive strength after 1 hour	60 MPa
• Bending tensile strength (DIN) after 24 hours	12 MPa
• Setting expansion	0,09 %
• Hardening time	approx. 30 minutes
• Hardness after 1 hour	approx. 220 MPa
• CE 0197	DIN EN ISO 6873

BegoStone plus

Availability	Weight	REF
• 1 tub	5,0 kg	54812
• 1 tub	12 kg	54811

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: 12.02.2014.