



Varseo

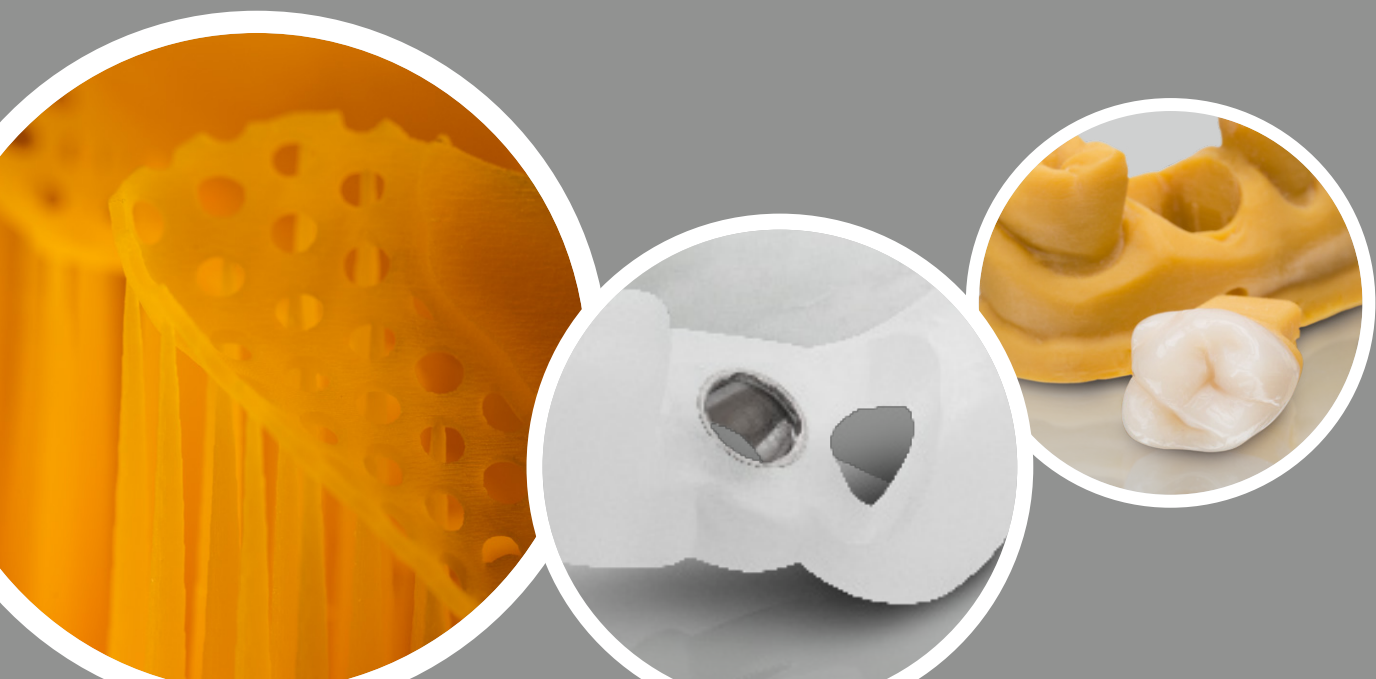
THE 3D PRINTING SYSTEM FOR DENTAL APPLICATIONS

VARSEO 3D PRINTING SOLUTIONS TAILORED FOR DENTAL 3D PRINTING

The high dental technology requirements regarding precision, safety, and reproducibility of 3D printing solutions differ considerably from those of other application fields.

BEGO is a long-established family company with 129 years of dental expertise, a pioneer of CAD/CAM technology with more than 20 years of experience in the field of 3D printing, and a specialist in all dental fabrication techniques. The BEGO Varseo 3D printing system offers you:

- a system specially developed with and for dental laboratories
- a coordinated portfolio of 3D printers, light-curing device, scientifically tested materials, software tools, and services
- the means to achieve fast, simple and cost-efficient fabrication of a wide range of restorations made from resins and ceramic filled hybrids – in your own laboratory and with complete flexibility and unrivalled precision
- validated processes from scanning to finishing, the associated process documentation, and the certainty that requirements for the production of medical devices will be met in compliance with the Medical Device Regulation (MDR)



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The compact DLP 3D printer –
specially developed for dental uses

- Cost-effective, high-resolution DLP 3D printer with outstanding detail accuracy
- Building speed independent of the number of elements to be produced
- Handy building platform – printing of multiple-unit bridges up to eight units or a quadrant model possible
- Network capability via W-LAN or Ethernet connection allows fast and uncomplicated data exchange to the PC
- Compatible with a wide variety of materials
 - VarseoSmile Crown
 - VarseoSmile Temp
 - VarseoWax Model
 - VarseoWax CAD/Cast
- Replaceable resin tank allows easy material change
- Compact and appealing design

Product details	
Product dimensions (L × W × H)	290 × 357 × 427 mm
Width	11 kg
Nominal voltage	100–240 VAC, 50/60 Hz
Rated capacity	100 VA
Build area (W × D × H)	64 × 40 × 120 mm
Resolution	50 µm
Layer	50 µm
Building speed	30 mm/h

Product details

Availability	REF
Varseo XS (incl. scope of delivery)	26490
Scope of delivery	
Activation of one material key of your choice	
• Activation Varseo XS material key VarseoSmile Crown	99124
• Activation Varseo XS material key VarseoSmile Temp	99123
• Activation Varseo XS material key VarseoWax Model	99122
• Activation Varseo XS material key VarseoWax CAD/Cast	99121
Original Varseo XS operating instruction	86109
Quick Start Guide	86110
Scraper	19550
Building Platform	20702
Resin Tank	20703
BEGO CAMcreator Print	99118
Power Cord	–
Power Adapter	–
USB stick with data	–
Rinse Basket	–
Gloves	–

Materials*

Availability	Contents	REF
VarseoSmile Crown A1	0.25 kg bottle	41095
VarseoSmile Crown A2	0.25 kg bottle	41096
VarseoSmile Crown A3	0.25 kg bottle	41097
VarseoSmile Crown B1	0.25 kg bottle	41098
VarseoSmile Crown B3	0.25 kg bottle	41099
VarseoSmile Crown C2	0.25 kg bottle	41100
VarseoSmile Crown D3	0.25 kg bottle	41101
VarseoSmile Temp A2	0.25 kg bottle	41102
VarseoSmile Temp A3	0.25 kg bottle	41103
VarseoSmile Temp C2	0.25 kg bottle	41104
VarseoWax Model gray	0.25 kg bottle	41092
VarseoWax Model dentin	0.25 kg bottle	41094
VarseoWax CAD/Cast	0.25 kg bottle	41105

Services

Inclusive	<ul style="list-style-type: none"> Activation of one material key of your choice (REF see above) Professional hotline support Loan device in the event of malfunction within 48 hours (as part of the one year guarantee term)
Fee-based	<ul style="list-style-type: none"> Activation of other material keys (REF see above) Device installation, commissioning, and familiarization in your laboratory (REF 99119)

* 0,25 kg bottles are exclusively available for Varseo XS.



The DLP 3D printer with an unique cartridge system –
specially developed for dental uses

- Building speed independent of the number of elements to be produced
- Large building plate enables the printing of a variety of indications
- Extensive and expandable range of materials and indications
 - VarseoSmile Crown
 - VarseoSmile Temp
 - VarseoWax Surgical Guide
 - VarseoWax Tray
 - VarseoWax Model
 - VarseoWax CAD/Cast
- Network capability via W-LAN or Ethernet connection allows fast and uncomplicated data exchange to the PC
- Unique cartridge system
 - Material change in seconds
 - Low material consumption
 - Minimal material ageing
 - Simple material handling and storage – directly in the cartridge, without decanting
- Appealing design

Product details	
Product dimensions (L × W × H)	362 × 748 × 461 mm
Width	47 kg
Nominal voltage	100–240 VAC, 50/60 Hz
Rated capacity	100 VA
Build area (W × D × H)	110 × approx. 65 × 85 mm
Resolution	60 µm (± 30 µm)
Layer	50 – 100 µm
Building speed	20 – 40 mm/h

Product details

Availability	REF
Varseo S Partner (incl. scope of delivery)	26460
Varseo S Basic (incl. scope of delivery)	26455
Scope of delivery	
Activation of all material keys provided (Basic package)	–
Activation of one material key of your choice (Partner package):	
• Activation Varseo S material key VarseoSmile Crown	99120
• Activation Varseo S material key VarseoSmile Temp	99116
• Activation Varseo S material key VarseoWax Sugical Guide	99114
• Activation Varseo S material key VarseoWax Tray	99115
• Activation Varseo S material key VarseoWax Model	99112
• Activation Varseo S material key VarseoWax CAD/Cast	99110
Original Varseo S operating instructions	86087
Wooden spatula, not sterile, 100 pieces	19548
Bubble syringe, sterile	19549
Stainless steel spatula	19550
Card set, blank	19551
Torque screwdriver 1.5 Nm	19556
TORX-Bit-T 20 × 25 mm	19557
O-Ring	19524
Protective resin bottle cap	19563
Electricity cable	12622
USA mains power cable	12554
Test gauge, small	19409
Test gauge, large	19410
WLAN USB adapter, 150 Mbit/s, high gain	20119
Varseo S cartridge, complete with stamp (Varseo S Basic)	20008
Non-stick film	–
BEGO CAMcreator Print	99118
Special USB stick, calibration file	–

Material packages

Scope of delivery	REF
Material package VarseoWax CAD/Cast (VarseoWax CAD/Cast 1 kg + cartridge incl. stamp + VarseoVest P ^{plus} 6 kg)	41053
Material package VarseoWax Tray (VarseoWax Tray 1 kg + cartridge incl. stamp)	41054
Material package VarseoWax Surgical Guide blue-transparent (VarseoWax Surgical Guide 1 kg + cartridge incl. stamp)	41055
Material package VarseoWax Model yellow-brown (VarseoWax Model 1 kg + cartridge incl. stamp)	41057
Material package VarseoSmile Temp A2 (VarseoSmile Temp A2 500 g + cartridge incl. stamp)	41070
Material package VarseoSmile Temp A3 (VarseoSmile Temp A3 500 g + cartridge incl. stamp)	41059
Material package VarseoSmile Temp C2 (VarseoSmile Temp C2 500 g + cartridge incl. stamp)	41071

Services

	Partner package	Basic package
Inclusive	<ul style="list-style-type: none"> Activation of one material key of your choice and making the associated material package or cartridge and resin available Device installation, commissioning, and familiarization in your laboratory Professional hotline support Loan device in the event of malfunction within 48 hours (as part of the one year guarantee term) 	<ul style="list-style-type: none"> Activation of all material keys provided Professional hotline support
Fee-based	Activation of other material keys (REF see above)	Device installation, commissioning, and familiarization in your laboratory (REF 9917)



Varseo M

The mid-size DLP 3D printer with an unique cartridge system – specially developed for dental uses

- Building speed independent of the number of elements to be produced
- 10 % larger building plate than the previous Varseo S model – allows simultaneous printing of even more objects
- Extensive and expandable range of materials and indications
 - VarseoSmile Crown
 - VarseoSmile Temp
 - VarseoWax Surgical Guide
 - VarseoWax Tray
 - VarseoWax Model
 - VarseoWax CAD/Cast
- Network capability via W-LAN or Ethernet connection allows fast and uncomplicated data exchange to the PC
- Unique cartridge system
 - Material change in seconds
 - Low material consumption
 - Minimal material ageing
 - Simple material handling and storage – directly in the cartridge, without decanting
- Appealing design

Product details	
Product dimensions (L × W × H)	470 × 360 × 427 mm
Width	47 kg
Nominal voltage	100–240 VAC, 50/60 Hz
Rated capacity	100 VA
Build area (W × D × H)	112 × 63 × 85 mm
Resolution	60 µm (± 30 µm)
Layer	50 – 100 µm
Building speed	30 – 50 mm/h



Varseo XL

The high-performance 3D printer with LED matrix –
specially developed for dental uses

- Ultra fast LED matrix 3D printer – the fastest building speed of any BEGO 3D printer, regardless of the number of elements to be produced
- Very large building plate and building height enable the printing of a large number of objects, also in multilayer arrangement
- All-in-one plate (transfer plate) enables the automation of the post process
- Compatible with a wide variety of resin materials
 - VarseoWax Tray
 - VarseoWax Model
 - VarseoWax CAD/Cast
- Network capability via W-LAN or Ethernet connection allows fast and uncomplicated data exchange to the PC
- Innovative material circulation system with up to 7 kg material capacity
- Appealing design

Product details

Product dimensions (L × W × H)	720 × 740 × 1700 mm
Width	140 kg
Nominal voltage	100–240 VAC, 50/60 Hz
Rated capacity	100 VA
Build area (W × D × H) ^b	270 × 160 × 380 mm
Resolution	60 µm (± 30 µm)
Building speed	up to 400 mm/h



BEGO Otoflash

The light-curing device for rapid and reliable light-curing of VarseoWax and VarseoSmile resins

- Two flashlight bulbs shining from below into the polymerization chamber and hence makes short resin light-curing times possible
- Wide wavelength field ensures very good resin hardening and hence achievement of the final physical characteristics of the printed objects
- Protective gas equipment prevents oxygen inhibition, guarantees completely adhesive-free surface curing and hence efficient reduction of the residual monomer content and biocompatibility
- Device can be used for photopolymerization of all materials that harden under light at wavelengths between 300 to 700 nm

Product details	
Nominal voltage	100, 115, 230 VAC, 50/60
Power consumption	approx. 250 W
Flash frequency	10 flashes a second
Size of the polymerisation space	approx. 120 × 120 × 50 mm
Spectral distributiong	300 – 700 nm
Dimensions (L × W × H)	approx. 310 × 310 × 140 mm
Weight	approx. 6 kg
Gas pressure	1.0–1,2 bar
Gas type	Nitrogen N ₂ /2.6
Gas flow	approx. 10 l/min
Availability	
BEGO Otoflash	REF 26465
Accessories	
Pressure reducer for the protective gas connection	20349

Latest informations and tutorials

Further information about the BEGO 3D printing system can be found on our website:

<https://www.bego.com/3d-printing/>

Helpful software tutorials can be found here:

<https://www.bego.com/media-library/tutorials/3shape-software/>

Sign up for our newsletter here:

www.bego.com/newsletter

Visit us also on the social media platforms:



WWW.BEGO.COM



VarseoSmile Crown

The tooth-colored ceramic filled hybrid material for 3D printing of permanent single crowns, inlays, onlays and veneers

- Specially for the resin developed printing and processing parameters ensure smooth production sequences with reproducible results at any time
- Very good fit and simple finishing due to smooth surfaces of the printed objects
- Outstanding dimensional stability and strength of the printed objects – precise and dimensionally stable fit for the patient
- Extremely short fabrication times and low material consumption equate to cost-efficient production in the laboratory
- Available in 7 VITA* classical shades: A1, A2, A3, B1, B3, C2, D3
- CE mark certifies security, efficiency and permanent monitoring of the resin and stands for excellent cross-batch quality standards of the product
- Satisfies all the requirements for a Class IIa* medical device

Product details

Color	A1, A2, A3, B1, B3, C2, D3
Density	approx. 1.4 – 1.5 g/cm ³
Layer thickness	50 µm
Viscosity	2,500–6,000 MPa*s
Flexural strength	≥ 100 MPa
Wavelength	405 nm

Availability	Contents***	REF
VarseoSmile Crown A1	0.5 kg bottle	41034
VarseoSmile Crown A2	0.5 kg bottle	41035
VarseoSmile Crown A3	0.5 kg bottle	41036
VarseoSmile Crown B1	0.5 kg bottle	41075
VarseoSmile Crown B3	0.5 kg bottle	41076
VarseoSmile Crown C2	0.5 kg bottle	41077
VarseoSmile Crown D3	0.5 kg bottle	41078

* This symbol is a commercial designation/registered trademark of a company which is not part of the BEGO company group.

** Class IIa medical device as defined by Directive 93/42/EEC

***0,25 kg bottles are exclusively available for Varseo XS.

Images and illustrations are examples. Colors, symbols, designs, and information on the depicted labels and/or packaging may differ from reality.



VarseoSmile Temp

The tooth-colored resin for 3D printing of temporary crown and bridge constructions

- Specially for the resin developed printing and processing parameters ensure smooth production sequences with reproducible results at any time
- Very good fit and simple finishing due to smooth surfaces of the printed objects
- Outstanding dimensional stability and strength of the printed objects – precise and dimensionally stable fit for the patient
- Extremely short fabrication times and low material consumption equate to cost-efficient production in the laboratory
- Available in 3 VITA* classical shades: A2, A3, C2
- CE mark certifies security, efficiency and permanent monitoring of the resin and stands for excellent cross-batch quality standards of the product
- Satisfies all the requirements for a Class IIa* medical device

Product details

Color	A2, A3, C2
Density	approx. 1.4–1.5 g/cm ³
Layer thickness	50 µm
Viscosity	2,500–6,000 MPa*s
Flexural strength	≥ 80 MPa
Wavelength	405 nm

Availability	Contents***	REF
VarseoSmile Temp A2	0.5 kg bottle	41022
VarseoSmile Temp A3	0.5 kg bottle	41023
VarseoSmile Temp C2	0.5 kg bottle	41024

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VarseoWax Surgical Guide

The resin for 3D printing of surgical guides and placement aids for implant prosthetics

- Highly resistant to chemicals – the printed objects can be cleaned and disinfected both conveniently and easily
- Specially developed printing and processing parameters tailored for surgical guides ensure exact shaping in the area around the drill sleeves and, consequently, precise drill holes as well as optimal accuracy of fit during subsequent insertion in the patient's mouth
- Extremely short fabrication times and low material consumption equate to cost-efficient production in the laboratory
- Available in 2 transparent colors: blue und clear
- CE mark certifies security, efficiency and permanent monitoring of the resin and stands for excellent cross-batch quality standards of the product
- Biocompatibility confirmed by an independent institute means safety for patients
- Satisfies the requirements for a Class I* medical device

Product details

Color	blue-transparent, clear	
Modulus of elasticity	≥ 1,500 MPa	
Density	approx. 1.12 g/cm ³	
Layer thickness	100 µm	
Viscosity	1,100 mPa*s	
Flexural strength	≥ 50 MPa	
Wavelength	405 nm	
Availability	Content	REF
VarseoWax Surgical Guide blue-transparent	1.0 kg bottle	41012
VarseoWax Surgical Guide clear	1.0 kg bottle	41019

* Class I medical device as defined by Directive 93/42/EEC
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VarseoWax Tray

The resin for 3D printing of individual impression trays

- Water- and solvent-resistant during processing
 - Specially developed printing and processing parameters tailored for the resin ensure the rapid and economic production of impression trays
 - Smooth surfaces of the printed objects form the basis for an excellent fit
 - Outstanding dimensional stability and strength of the printed objects enable precise and deformation-free impressions to be taken on patients
 - Thanks to the CAD wax-up, retention holes in the impression tray can be conveniently produced in one step – there is no need for additional drilling
- CAM production ensures evenly rounded edges – no time-consuming grinding of the margins necessary
 - Printed objects can be universally used for all impression materials
 - CE mark certifies security, efficiency and permanent monitoring of the resin and stands for excellent cross-batch quality standards of the product
 - Biocompatibility confirmed by an independent institute means safety for patients
 - Satisfies all the requirements for a Class I* medical device

Product details

Color	blue
Modulus of elasticity	≥ 1,500 MPa
Density	approx. 1.12 g/cm³
Layer thickness	100 µm
Viscosity	1,100 mPa*s
Notched impact strength	≥ 3 kJ/m²
Flexural strength	≥ 50 MPa
Wavelength	405 nm

Availability	Content	REF
VarseoWax Tray	1.0 kg bottle	41013

* Class I medical device as defined by Directive 93/42/EEC
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VarseoWax Model

The resin for 3D printing of dental models

- Resin for 3D printing of full and partial dental models, models with removable dies, solid or hollow in construction
- Specially for the resin developed printing and processing parameters ensure smooth production sequences with reproducible results at any time
- Dimensional stability of the printed objects – ideal basis for precise, smooth, and pore-free model surfaces
- Can be insulated against adhesive wax, is resistant to moisture in order to facilitate problem-free cleaning and accordingly, its handling during processing is comparable to that of a conventional plaster model
- Opaque color allows optimal identification of all model contours and preparation margins on die models, thus offering the ideal basis for highly precise restorations
- Available in 3 opaque colors: yellow-brown, dentin und gray
- Duplication with silicone or hydrocolloid underlines the resins broad scope of applications
- Solid models are suitable and validated for use as the basis for the further processing of thermoforming foil

Product details

Color	yellow brown, gray, dentin
Modulus of elasticity	≥ 1,500 MPa
Density	approx. 1.12 g/cm ³
Layer thickness	50 µm
Viscosity	1,100 mPa*s
Flexural strength	≥ 50 MPa
Wavelength	405 nm

Availability	Contents*	REF
VarseoWax Model yellow brown	1.0 kg bottle	41010
VarseoWax Model gray	1.0 kg bottle	41091
VarseoWax Model dentin	1.0 kg bottle	41093

* 0,25 kg bottles are exclusively available for Varseo XS.
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VarseoWax CAD/Cast

The resin for 3D printing of burn-out CAD/Cast partial denture frames and press-to-metal templates

- Can be burned out without leaving any residue – provides optimal conditions for pore-free, smooth and precise partial dentures
- Specially for the resin developed printing and processing parameters ensure smooth production sequences with reproducible results at any time
- Further processing with the investment materials VarseoVest P^{plus} and VarseoVest C&B, specially developed for shock-heat investing of 3D printed objects possible
- Excellent dimensional stability of the printed objects enables deformation-free investment and thus an excellent accuracy of fit of the casted objects
- Printed plastic boasts first-class green strength, so that no light-curing is necessary if frames are processed immediately – results in unparalleled process time savings

Product details

Color	yellow
Modulus of elasticity	≥ 1,500 MPa
Viscosity	600 – 900 mPa*s
Shore hardness D	79 – 83 D
Density at 22 °C	1.08 g/cm ³
Thermal stability at 55 °C	1.8 MPa
Flexural strength	≥ 50 MPa
Residual ash content	≤ 0.1 % bei 700 °C
Wavelength	405 nm

Availability

Availability	Content*	REF
VarseoWax CAD/Cast	1.0 kg bottle	41000

* 0,25 kg bottles are exclusively available for Varseo XS.

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Overview

compatibility of Varseo 3D

Overview of Varseo resins

			
Varseo XS 	VarseoSmile Crown <ul style="list-style-type: none">A1, 0.25 kg (REF 41095)A2, 0.25 kg (REF 41096)A3, 0.25 kg (REF 41097)B1, 0.25 kg (REF 41098)B3, 0.25 kg (REF 41099)C2, 0.25 kg (REF 41100)D3, 0.25 kg (REF 41101)	VarseoSmile Temp <ul style="list-style-type: none">A2, 0.25 kg (REF 41102)A3, 0.25 kg (REF 41103)C2, 0.25 kg (REF 41104)	VarseoWax Surgical Guide <ul style="list-style-type: none">—
Varseo S 	<ul style="list-style-type: none">A1, 0.5 kg (REF 41034)A2, 0.5 kg (REF 41035)A3, 0.5 kg (REF 41036)B1, 0.5 kg (REF 41075)B3, 0.5 kg (REF 41076)C2, 0.5 kg (REF 41077)D3, 0.5 kg (REF 41078)	<ul style="list-style-type: none">A2, 0.5 kg (REF 41022)A3, 0.5 kg (REF 41023)C2, 0.5 kg (REF 41024)	<ul style="list-style-type: none">blue-transparent, 1.0 kg (REF 41012)clear, 1.0 kg (REF 41019)
Varseo M 	<ul style="list-style-type: none">A1, 0.5 kg (REF 41034)A2, 0.5 kg (REF 41035)A3, 0.5 kg (REF 41036)B1, 0.5 kg (REF 41075)B3, 0.5 kg (REF 41076)C2, 0.5 kg (REF 41077)D3, 0.5 kg (REF 41078)	<ul style="list-style-type: none">A2, 0.5 kg (REF 41022)A3, 0.5 kg (REF 41023)C2, 0.5 kg (REF 41024)	<ul style="list-style-type: none">blue-transparent, 1.0 kg (REF 41012)clear, 1.0 kg (REF 41019)
Varseo XL 	—	—	—
Material compatibility with previous 3D printer models Varseo/Varseo L 	<ul style="list-style-type: none">A1, 0.5 kg (REF 41034)A2, 0.5 kg (REF 41035)A3, 0.5 kg (REF 41036)B1, 0.5 kg (REF 41075)B3, 0.5 kg (REF 41076)C2, 0.5 kg (REF 41077)D3, 0.5 kg (REF 41078)	<ul style="list-style-type: none">A2, 0.5 kg (REF 41022)A3, 0.5 kg (REF 41023)C2, 0.5 kg (REF 41024)	<ul style="list-style-type: none">blue-transparent, 1.0 kg (REF 41012)clear, 1.0 kg (REF 41019)

W of the D printers & Varseo resins



VarseoWax Model

- gray, 0.25 kg (REF 41092)
- dentin, 0.25 kg (REF 41094)



VarseoWax Tray



VarseoWax CAD/Cast

- yellow, 0.25 kg (REF 41105)

- yellow-brown, 1.0 kg (REF 41010)
- gray, 1.0 kg (REF 41091)
- dentin, 1.0 kg (REF 41093)

- blue, 1.0 kg (REF 41013)

- yellow, 1.0 kg (REF 41000)

- yellow-brown, 1.0 kg (REF 41010)
- gray, 1.0 kg (REF 41091)
- dentin, 1.0 kg (REF 41093)

- blue, 1.0 kg (REF 41013)

- yellow, 1.0 kg (REF 41000)

- gray, 1.0 kg (REF 41091)
- dentin, 1.0 kg (REF 41093)

- blue, 1.0 kg (REF 41013)

- yellow, 1.0 kg (REF 41000)

- yellow-brown, 1.0 kg (REF 41010)
- gray, 1.0 kg (REF 41091)
- dentin, 1.0 kg (REF 41093)

- blue, 1.0 kg (REF 41013)

- yellow, 1.0 kg (REF 41000)



Improved
formula
and changed
liquid!

VarseoVest P plus

Phosphate-bonded, shock-heat precision investment material, especially for casting 3D printed partial denture frames

- Specially developed for the investing of 3D printed partial denture frames
- Creates an excellent fit and smooth surfaces of the cast objects – after each casting and even with pressureless investing
- Outstanding flow properties ensure easy investing even on slender object details; long working time of more than 4:40 min. enables fatigue-free processing
- The mould is inserted directly into the furnace, which is preheated to 900–950 °C, only 20 min. after investing – for a considerable reduction in the duration of the heating process
- Impressive strength of the investment material ensures that the moulds do not crack or tear as a result of the plastic expanding – which forms the basis for reliable further processing
- Despite its strength, an easy deflasking of the cast object is possible
- Unambiguous expansion control with the special mixing liquid BegoSol® K ensures reproducible fit results
- Easy application by a comparable processing method to partial denture investment materials

Product details

Physical data	
Mixing liquid	BegoSol® K
Working time at 21 °C	approx. 4:40 min.
Shelf life in an unopened bag	24 months

Key material values according to DIN EN ISO 15912	
Beginning of setting (Vicat time)	approx. 9:50 min.
Compressive strength	approx. 8 MPa
Linear thermal expansion	0,9 %
Flowability	145 mm

Availability	Contents	REF
VarseoVest P plus, 72 x 250 g bag	18 kg carton	54910
VarseoVest P plus, 60 x 300 g bag	18 kg carton	54911
VarseoVest P plus, 20 x 300 g bag	6 kg carton	54912
The packages do not contain any mixing liquid.		

Accessories	Contents	REF
BegoSol® K mixing liquid*	1 l bottle	51120
BegoSol® K mixing liquid*	5 l canister	51121
Silicone mould former	1 set	54877

Now to
be used with
BegoSol® K!

DIN EN ISO 15912

* BegoSol® K is sensitive to freezing.
Images and illustrations are examples. Colors, symbols, designs, and information on the depicted labels and/or packaging may differ from reality.

NEW!



VarseoVest C&B

Phosphate-bonded, shock-heat precision investment material, especially for casting 3D printed crown and bridge frameworks

- Specially developed for the investing of 3D printed crown and bridge frameworks
- Creates an excellent fit and smooth surfaces of the cast objects – after each casting and even with pressureless investing
- Outstanding flow properties ensure easy investing even on slender object details; long working time of more than 3:15 min. enables fatigue-free processing
- The mould is inserted directly into the furnace, which is preheated to 900 °C, only 20 min. after investing – for a considerable reduction in the duration of the heating process
- Impressive strength of the investment material ensures that the moulds do not crack or tear as a result of the plastic expanding – which forms the basis for reliable further processing
- Despite its strength, an easy deflasking of the cast object is possible
- Unambiguous expansion control with the special mixing liquid BegoSol® CC ensures reproducible fit results
- Easy application by a comparable processing method to crown and bridge investment materials

Product details

Physical data

Mixing liquid	BegoSol® CC
Working time at 21 °C	approx. 3:15 min.
Shelf life in an unopened bag	24 months

Key material values according to DIN EN ISO 15912

Beginning of setting (Vicat time)	approx. 5:30 min.
Compressive strength	approx. 5 MPa
Linear thermal expansion	1,3 %
Flowability	140 mm

Availability

	Contents	REF
VarseoVest C&B, 80 × 160 g bag	12,8 kg carton	54894
VarseoVest C&B, 30 × 160 g bag	4,8 kg carton	54895
Testset VarseoVest C&B incl. mixing liquids	1,6 kg set	54896
The packages do not contain any mixing liquid.		

Accessories

	Contents	REF
BegoSol® CC mixing liquid*	1 l bottle	54907
BegoSol® CC mixing liquid*	5 l canister	54908
Silicone mould former	1 set	54877

New
mixing liquid
BegoSol® CC

DIN EN ISO 15912

* BegoSol® CC is sensitive to freezing.

Images and illustrations are examples. Colors, symbols, designs, and information on the depicted labels and/or packaging may differ from reality.



Varseo Starter Set CAD/Cast & Varseo Accessories Set

Your introduction to the Varseo CAD/Cast technology &
Your introduction to 3D printing with Varseo

The Varseo Starter Set CAD/Cast contains:

- VarseoWax CAD/Cast, 1 kg
- VarseoVest P plus 6 kg = 20 × 300 g bag
- BegoSol® K 1 l
- Silicone muffle former
- Varseo holder for lacquer filter (E-D-high-speed sieve)
- Varseo lacquer filter E-D-high-speed sieve (10 piece)

The Varseo Accessories Set contains:

- Spray bottle, 1.000 ml
- 2 × Plastic cup 600 ml, incl. lid
- 3 × Anti-acid tweezers
- Solvent-resistant funnel, 16 cm
- PVC plaster-mixing bowl, black
- Varseo holder for lacquer filter (E-D-high-speed sieve)
- Varseo lacquer filter E-D-high-speed sieve (125 Stück)
- Solvent-resistant brush
- Measuring cup, 1.000 ml

Product details Varseo Starter Set CAD/Cast

Availability	Contents	REF
Varseo Starter Set CAD/Cast	1 Set	41040

Product details Varseo Accessories Set

Availability	Contents	REF
Varseo Accessories Set	1 Set	41041

BEGO 3D Printing Training Courses

In the BEGO TRAINING CENTER in Bremen we teach dental technology at the highest level. On the basis of our own concept, we have developed a sophisticated programme for seminars and practical courses that help interested dental

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