

Compatibility Overview 3D Printers and BEGO Varseo Materials



VarseoSmile Crown^{plus}



VarseoSmile Temp



VarseoWax Tray







VarseoWax Surgical Guide



VarseoWax Model



VarseoWax CAD/Cast

Indication	Permanent single crowns, inlays, on-lays and veneers	Temporary crown and bridge restorations, inlays, onlays and veneers	Individual impression trays	Surgical guides and placement aids for implant prosthetics	Full and partial dental models, models with removable dies, solid or hollow in construction	Castable frames
Medical device	Class IIa*	Class IIa*	Class I*	Class I*	–	–
Color	A1, A2, A3, B1, B3, C2, D3**	A2, A3, C2**	blue	blue-transparent	yellow-brown	yellow
Flexural modulus	4,090 MPa	≥ 3,500 MPa	≥ 1,500 MPa	≥ 1,500 MPa	≥ 1,500 MPa	≥ 1,500 MPa
Flexural strength	116 MPa	≥ 100 MPa	≥ 50 MPa	≥ 50 MPa	≥ 50 MPa	≥ 50 MPa
Water solubility	0.23 µg/mm ³	–	–	–	–	–
Water sorption	3.6 µg/mm ³	–	–	–	–	–
Viscosity	2,500–6,000 mPa·s	2,500–6,000 mPa·s	1,100 mPa·s	1,100 mPa·s	1,100 mPa·s	600–900 mPa·s
Density	approx. 1.4–1.5 g/cm ³	approx. 1.4–1.5 g/cm ³	approx. 1.12 g/cm ³	approx. 1.12 g/cm ³	approx. 1.12 g/cm ³	1.08 g/cm ³
Thermal stability at 55 °C	–	–	–	–	–	1.8 MPa
Residual ash content	–	–	–	–	–	≤ 0.1 % bei 700 °C
Notched impact strength	–	–	≥ 3 kJ/m ²	≥ 3 kJ/m ²	≥ 3 kJ/m ²	–
Layer thickness	50 µm	50 µm	100 µm	100 µm	50 µm	50 µm
Delivery form/REF Varseo XS 	0.25 kg bottle • A1 – REF 41117 • A2 – REF 41118 • A3 – REF 41119 • B1 – REF 41120 • B3 – REF 41121 • C2 – REF 41122 • D3 – REF 41123	0.25 kg bottle • A2 – REF 41102 • A3 – REF 41103 • C2 – REF 41104	–	–	–	–
Delivery form/REF Varseo S / Varseo / Varseo L  	0.5 kg bottle • A1 – REF 41107 • A2 – REF 41108 • A3 – REF 41109 • B1 – REF 41110 • B3 – REF 41111 • C2 – REF 41112 • D3 – REF 41113	0.5 kg bottle • A2 – REF 41022 • A3 – REF 41023 • C2 – REF 41024	1 kg bottle • blue – REF 41013	1 kg bottle • blue-transparent – REF 41012	1 kg bottle • yellow-brown – REF 41010	1 kg bottle • yellow – REF 41000
Delivery form/REF Asiga*** MAX UV 	0.25 kg bottle • A1 – REF 41117 • A2 – REF 41118 • A3 – REF 41119 • B1 – REF 41120 • B3 – REF 41121 • C2 – REF 41122 • D3 – REF 41123	0.5 kg bottle • A1 – REF 41107 • A2 – REF 41108 • A3 – REF 41109 • B1 – REF 41110 • B3 – REF 41111 • C2 – REF 41112 • D3 – REF 41113	0.25 kg bottle • A2 – REF 41102 • A3 – REF 41103 • C2 – REF 41104	0.5 kg bottle • A2 – REF 41022 • A3 – REF 41023 • C2 – REF 41024	–	–

* Medical device as defined by Directive 93/42/EEC.

** VITA classical color system (VITA is a commercial designation/registered trademark of a company which is not part of the BEGO company group.).

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

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