

BEGO Compatibility Overview 3D Printing System Components



VarseoSmile Crown^{plus}

Permanent single crowns, inlays, onlays, and veneers



VarseoSmile Temp

Temporary crown and bridge restorations, inlays, onlays, and veneers



VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide*

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray*

Individual impression trays

3D Printing

| | | | | | | | | |
|--------------------|--------------|---|---|--|--|--|---|--|
| BEGO Varseo XS/S/L | Cleaning | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs** Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs Form Wash: 5 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) | |
| | Light-curing | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer**): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay** ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 500 flashes • HiLite Power (Kulzer): 2 × 90 sec | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C | <ul style="list-style-type: none"> • BEGO Otofash: 1 × 1,000 + 2 × 2,000 flashes • HiLite Power (Kulzer): 1 × 90 + 2 × 180 sec | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer): 2 × 180 sec | |
| Asiga** Max UV | Cleaning | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs Form Wash: 5 min (Isopropanol 99 %) | | | |
| | Light-curing | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 500 flashes • HiLite Power (Kulzer): 2 × 90 sec | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C | | | |

* only available for Varseo S/L

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

For detailed information on the production workflow, please refer to the instructions for use.

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Burnout objects



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Dental models



VarseoWax Surgical Guide
Surgical guides and placement aids for implant prosthetics



VarseoWax Tray
Individual impression trays

3D Printing

| 3D Printing | Formlabs*** Form 2 (Stainless steel building platform necessary) | | Formlabs*** Form 3B (Stainless steel building platform necessary) | | VarseoSmile Crown plus * | VarseoSmile Temp ** | VarseoWax CAD/Cast | VarseoWax Model | VarseoWax Surgical Guide | VarseoWax Tray |
|-------------|---|--------------|---|---|--------------------------|---------------------|--------------------|-----------------|--------------------------|----------------|
| | Cleaning | Light-curing | Cleaning | Light-curing | | | | | | |
| | | | <ul style="list-style-type: none"> • Formlabs Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Formlabs Form Wash: 3 min (Isopropanol 99 %) | | | | | | |
| | | | <ul style="list-style-type: none"> • Formlabs Form Cure: 2 x 20 min @ 60 °C | <ul style="list-style-type: none"> • Formlabs Form Cure: 2 x 20 min @ 60 °C | | | | | | |

* VarseoSmile Crown plus is distributed by Formlabs as Permanent Crown Permanent Crown.

** VarseoSmile Temp is distributed by Formlabs as Temporary CB.

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3D Printing

| | | | | | | | |
|----------------------------|--------------|--|--|--|--|--|--|
| SprintRay* Pro 95 & Pro 55 | Cleaning | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | | | | |
| | Light-curing | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | | | | |
| DEKEMA* trix print | Cleaning | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | <ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) | | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) | | |
| | Light-curing | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | <ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C | | <p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer*): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C | | |

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Individual impression trays

3D Printing

| 3D Printing System | Process | Component | | | | | |
|--------------------------------------|--------------|------------------------|------------------|--------------------|--|--------------------------|----------------|
| | | VarseoSmile Crown plus | VarseoSmile Temp | VarseoWax CAD/Cast | VarseoWax Model | VarseoWax Surgical Guide | VarseoWax Tray |
| Ackuretta* Dentiq & Freeshape 120 | Cleaning | | | | | | |
| | Light-curing | In validation | In validation | | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) | | |
| Microlay* Versus 385 | Cleaning | | | | | | |
| | Light-curing | In validation | In validation | | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) | | |

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| | | | | | | |
|---|--------------|--|--|--|---|--|
| DLP Drucker allg. with 385–405 nm wave length | Cleaning | | | | | |
| | Light-curing | | | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) | <p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 × 2,000 flashes • HiLite Power (Kulzer*): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C | |

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| | | | | | | | |
|-------------------------|--------------|--|--|--|---|--|--|
| Anycubic Photon Mono X* | Cleaning | | | | <ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs** Form Wash: 5 min (Isopropanol 99 %) • Anycubic** Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) | | |
| | Light-curing | | | | <p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 × 2,000 flashes • HiLite Power (Kulzer**): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 × 20 min | | |

* Compatibility applies to the design status to the serial no. P02123C0306508

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*** Compatibility applies to the design status to the serial no. W31126A0405446

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