VITABLOCS®

Product information

VITA shade determination | VITA shade communication | VITA shade reproduction | VITA shade control

Date of issue: 04.15

VITA shade, VITA made.

VITA

VITABLOCS® Mark II
VITABLOCS® TriLuxe
VITABLOCS® TriLuxe forte
VITABLOCS RealLife®
VITABLOCS® for Rapid Layer Technology

VITABLOCS® – clinical success and ultimate esthetics!

VITABLOCS® Mark II – monochromatic fine-structure feldspar ceramic

VITABLOCS Mark II is an esthetic, tooth-colored feldspar ceramic which is particularly suitable for CAD/CAM fabrication of inlays, onlays and partial crowns. The shades of VITABLOCS Mark II restorations match those of residual teeth.

Benefits

- **Clinical reliability:** With millions of restorations in more than 25 years, VITABLOCS Mark II ceramics have proven their excellent reliability. Success rates of over 90 % for inlays, onlays and crowns have been achieved in clinical studies.
- **Cost-effectiveness:** VITABLOCS Mark II guarantee cost-effective fabrication of fully anatomical, tooth-colored restorations. The restorative material can be inserted immediately after grinding and polishing. A firing procedure is not required but can be carried out.
- **Ultimate esthetics:** In combination with the wide range of shades (VITA SYSTEM 3D-MASTER/ VITA classical), the excellent translucency of VITABLOCS Mark II enables a natural play of colors.

Data

- **Geometries:** I8 (8 x 8 x 15 mm), I10 (8 x 10 x 15 mm), I12 (10 x 12 x 15 mm), I14 (12 x 14 x 18 mm).
- **Range of shades:** VITABLOCS Mark II blocks are available in the VITA SYSTEM 3D-MASTER shades 0M1C (bleached shade for I12, I14), 1M1C, 1M2C, 2M1C, 2M2C, 2M3C, 3M1C, 3M2C, 3M3C and 4M2C and in the VITA classical A1-D4 shades A1C, A2C, A3C, A3.5C, A4C, B2C, B3C, C2C, C3C and D3C.

System compatibility

VITABLOCS Mark II – SYSTEM SOLUTIONS*

VITA offers VITABLOCS with specific holder systems for the CAD/CAM systems:

- CEREC/inLab (Sirona Dental GmbH)
- Ceramill Motion II (Amann Girrbach AG)
- KaVo ARCTICA/Everest (KaVo Dental GmbH)

VITABLOCS Mark II – UNIVERSAL SOLUTIONS*

VITA offers VITABLOCS with the universal holder system for the CAD/CAM systems:

- CORiTEC line (imes-icore GmbH)
- CS 3000 (Carestream Inc.)
- K-/S devices (vhf camfacture AG)

* Note: The range of geometries/shades of VITA CAD/CAM materials available may vary for the individual CAD/CAM system partners or systems.

VITABLOCS® – clinical success and ultimate esthetics!

VITABLOCS® TriLuxe / TriLuxe forte – Multichromatic feldspar ceramic

VITABLOCS TriLuxe/TriLuxe forte is the second generation of VITABLOCS. As the tooth shade gradient is already integrated in the blanks, these VITABLOCS enable computerized reproduction of the natural play of colors. VITABLOCS TriLuxe includes three and TriLuxe forte four layers of different shade intensity.

Benefits

- **Ultimate esthetics:** The shade transition of VITABLOCS TriLuxe/ TriLuxe forte from the neck to the incisal edge has been matched with the natural tooth shade gradient. Particularly fine nuances can be found in the transition of enamel to the neck layer in the VITABLOCS TriLuxe forte blocks.
- **Cost-effectiveness:** Efficient and esthetic restorations thanks to the integrated color gradient. Characterization or individualization are frequently not required but can be carried out.

Data

- **Geometries:** TRI-12 and TF-12 (10 x 12 x 15 mm), TRI-14 and TF-14 (12 x 14 x 18 mm), TRI-14/14 and TF-14/14 (14 x 14 x 18 mm).
- **Range of shades:** VITABLOCS TriLuxe blocks are available in the VITA SYSTEM 3D-MASTER shades 1M2C, 2M2C and 3M2C and in the VITA classical A1-D4 shades A1C, A2C and A3C.
  VITABLOCS TriLuxe forte blocks are available in the VITA SYSTEM 3D-MASTER shades 1M2C, 2M2C and 3M2C and in the VITA classical A1–D4 shades A1C, A2C, A3C and A3.5C.

System compatibility

VITABLOCS TriLuxe forte – SYSTEM SOLUTIONS*

VITA offers VITABLOCS with specific holder systems for the CAD/CAM systems:

- CEREC/inLab (Sirona Dental GmbH)
- KaVo ARCTICA/Everest (KaVo Dental GmbH)

VITABLOCS TriLuxe forte – SYSTEM SOLUTIONS*

VITA offers VITABLOCS with specific holder systems for the CAD/CAM systems:

- CEREC/inLab (Sirona Dental GmbH)
- CeramiII Motion II (Amann Girrbach AG)
- KaVo ARCTICA/Everest (KaVo Dental GmbH)

VITABLOCS TriLuxe forte – UNIVERSAL SOLUTIONS*

VITA offers VITABLOCS with the universal holder system for the CAD/CAM system:

- CORiTEC line (imes-icore GmbH)

* Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.

VITABLOCS® – clinical success and ultimate esthetics!

VITABLOCS RealLife –
Multichromatic feldspar ceramic in three dimensions

Based on the 3D block, VITABLOCS RealLife replicates the curved color gradient found in natural dentition between the dentin and the edge areas. As a result, computerized and highly esthetic anterior restorations can be fabricated from a proven feldspar ceramic.

Benefits

- **Natural play of colors in 3D:** The 3D structure of VITABLOCS RealLife enables simple and individual reproduction of the natural play of colors in the anterior area with just a few mouse clicks.
- **Simple and cost-effective:** With VITABLOCS RealLife, a blank is available for practices and laboratories which enables them to achieve highly esthetic results quickly and in a cost-effective manner without the need for characterization or individualization.
- **Highly individual thanks to CAM software:** Practices and laboratories are enabled to change the position of the restoration in the virtual block in all three spatial dimensions and reproduce very fine shade nuances.

Data

- **Geometry:** RL-14/14 (14 x 14 x 18 mm)
- **Range of shades:** available in 6 VITA SYSTEM 3D-MASTER shades: 0M1C, 1M1C, 1M2C, 2M1C, 2M2C and 3M2C

System compatibility

VITABLOCS RealLife – SYSTEM SOLUTIONS*

VITA offers VITABLOCS with specific holder systems for the CAD/CAM systems:

- CEREC/inLab (Sirona Dental GmbH)
- KaVo ARCTICA/Everest (KaVo Dental GmbH)

*Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.

VITABLOCS® – natural play of colors guaranteed!

VITABLOCS® for Rapid Layer Technology –

Highly efficient CAD/CAM veneering of bridge substructures

VITABLOCS Mark II and the multi-layer block VITABLOCS TriLuxe forte are also available in a large size as I-/TF-40/19 geometry. This geometry was especially developed for CAD/CAM veneering (= VITA Rapid Layer Technology) of multi-unit bridge substructures. With VITA Rapid Layer Technology, both the substructure (= oxide ceramic) and veneer structure (= feldspar ceramic) can be fabricated as part of a digital manufacturing process. The substructure and the veneer are bonded to one another using a luting composite.

Benefits

- **Tremendous saving of time:** Compared with the conventional layering technique, this innovative approach saves an enormous amount of time, as the framework and veneer structures are fabricated using a fully computerized process.
- **Simple bonding:** Primary and secondary structures are simply and safely bonded to one another using an adhesive composite. A complex and time-consuming sintering process for ceramic soldering is no longer required.
- **High reliability:** The digital veneering technique guarantees high process reliability and clinical safety since the substructure and the veneer are perfectly matched.
  This technique also minimizes the risk of chipping.

Data

- **Geometry:** I-/TF-40/19 (15.5 x 19 x 39 mm)
- **Range of shades:** available in 3 or 4 VITA SYSTEM 3D-MASTER shades: 1M1C (Mark II only), 1M2C, 2M2C and 3M2C.

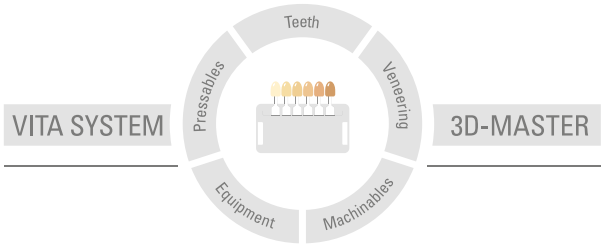
System compatibility

VITA Rapid Layer Technology – SYSTEM SOLUTIONS

VITA offers suitable CAD/CAM materials with a specific holder system for the CAD/CAM system:

- inLab (Sirona Dental GmbH)

With the unique VITA SYSTEM 3D-MASTER, all natural tooth shades can be systematically determined and perfectly reproduced.



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Date of issue of this information: 04.15

After the publication of these information for use any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

VITA Zahnfabrik has been certified in accordance to the Medical Device Directive and the following products bear the CE mark CE 0124 :

VITABLOCS® Mark II · VITABLOCS® TriLuxe · VITABLOCS® TriLuxe forte · VITABLOCS RealLife®

VITA

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