

# VITABLOCS®

Product information



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue: 08.18

VITA – perfect match.

**VITA**

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

## VITABLOCS® – clinical success and ultimate esthetics!



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

### 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. In clinical studies, success rates of over 90 percent are achieved for inlays, onlays and crowns.
- **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:** 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 (Dentsply Sirona)
- Ceramill mikro 4 / Ceramill Motion 2 (Amann Girrbach AG)
- KaVo ARCTICA/Everest (KaVo Dental GmbH)
- TS150 (Glidewell Laboratories)
- Planmill 40 (D4D Technologies LLC.)
- Ceramill mikro 4 / Ceramill Motion 2
- MyCrown Mill (FONA Dental s.r.o.)

##### 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.)
- N4 / R5 / S1 / S2 / Z4 (vhf camufacture AG)
- MILLING UNIT M line (Zirkonzahn S.r.l.)
- Zfx Inhouse5x (Zfx GmbH)
- Organical Desktop line (R+K CAD/CAM Technologie GmbH & Co. KG)
- DWX-4W (DGSHAPE Cooperation)



## VITABLOCS® – clinical success and ultimate esthetics!



### VITABLOCS® TriLux forte –

#### Multichromatic feldspar ceramic

VITABLOCS TriLux forte is the second generation of VITABLOCS.

Because the tooth shade gradient is already integrated in the blanks, these VITABLOCS enable computerized reproduction of the natural play of colors.

VITABLOCS TriLux forte offers four layers of shade intensity.

#### Benefits

- **Ultimate esthetics:** The shade transition from the neck to the incisal edge has been matched with the natural tooth shade gradient.
- **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:** TF-12 (10 x 12 x 15 mm), TF-14 (12 x 14 x 18 mm), TF-14/14 (14 x 14 x 18 mm).
- **Range of shades:** VITABLOCS TriLux forte blocks are available in the VITA SYSTEM 3D-MASTER shades 1M2C, 2M2C and 3M2C and in the 4 VITA classical A1-D4 shades A1C, A2C, A3C and A3.5C.

#### System compatibility

##### VITABLOCS TriLux forte – SYSTEM SOLUTIONS\*

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

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



##### VITABLOCS TriLux 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 individualized with CAM software:** practices and laboratories can 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 (Dentsply Sirona)
- 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 to mimic nature!



### 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.

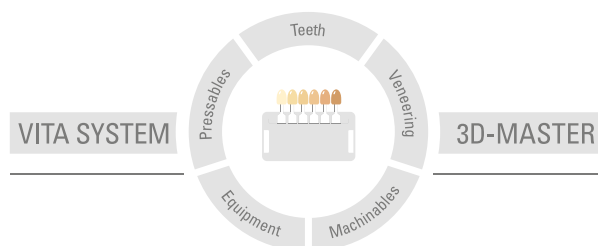
#### System compatibility

##### VITA Rapid Layer Technology – SYSTEM SOLUTIONS

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

- inLab (Dentsply Sirona)

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



**Please note:** Our products must be used in accordance with the instructions for use. We accept no liability for any damage resulting from incorrect handling or usage. The user is furthermore obliged to check the product before use with regard to its suitability for the intended area of applications. We cannot accept any liability if the product is used in conjunction with materials and equipment from other manufacturers that are not compatible or not authorized for use with our product and this results in damage. The VITA Modulbox is not necessarily a component of the product. Date of issue of this information:

After the publication of this information for use any previous versions become obsolete. The current version can be found at [www.vita-zahnfabrik.com](http://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 forte · VITABLOCS RealLife® · VITABLOCS® for Rapid Layer Technology**

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