

VITA VMK Master®

Masterful in all cases



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue 06.16



VITA shade, VITA made.

VITA

Masterful – to give you the best results



VITA VMK Master®

Masterful

Precision that you will love. Reliably!

It's good to know that VITA offers you a precise and natural feldspar veneering ceramic with VITA VMK Master, which guarantees masterful results for all classical alloys – whether cast, milled or sintered.

The results of VITA VMK Master provide you with an absolutely precise and quality-controlled shade reliability. At VITA, we strive to achieve only the highest manufacturing standards – VITA materials are produced in the same plant as the world-famous VITA classical A1–D4 and VITA SYSTEM 3D-MASTER shade guides.

See for yourself! VITA VMK Master offers precise, esthetic results with reliable, brilliant shades – for all cases!



Zirkonzahn® tooth chromium-cobalt disc

Benefits at a glance

- Precise and reliable in processing, and quickly learned.
- A material that makes no compromises when it comes to reliability and esthetics
- Excellent processing characteristics, such as improved modeling properties, simple handling and minimum shrinkage behavior (which allows the crowns to be produced with just one firing)
- Can be individualized using VITA AKZENT Plus and VITA INTERNO
- Available in VITA SYSTEM 3D-MASTER and VITA classical A1–D4 shades



The best performance – see for yourself



The best performance

Our knowledge for your esthetics

VITA ranks among the top pioneers of the dental industry. Today, our overall developments and knowledge provide the basis for material-specific achievements and clinical success all over the world.

VITA Zahnfabrik established a metal-ceramic veneering system on the market more than a half century ago - the first in all of Europe at the time. Today, we have further developed this system resulting in unparalleled process reliability.

In doing so, VITA VMK Master allows a scope of application for all ceramic requirements to be fulfilled – individually and with high shade brilliance.



Natural fluorescence

Benefits at a glance

- Brilliant shade results due to convincing chroma and natural fluorescence
- Broad application possibilities from simple objectives to complex patient cases with individual characteristics
- High process reliability thanks to many years of experience



The best performance



Figure 1a*
The old crowns do not match the remaining dentition either in terms of their shape, shade, level of opacity or surface structure, and have an unnatural appearance.



Figure 1b*
With a play of light similar to that of dentin, the new crowns have a much more natural appearance.



Figure 2a*
The replication of strongly abraded dentition requires the reconstruction of all typical characteristics of bruxism.

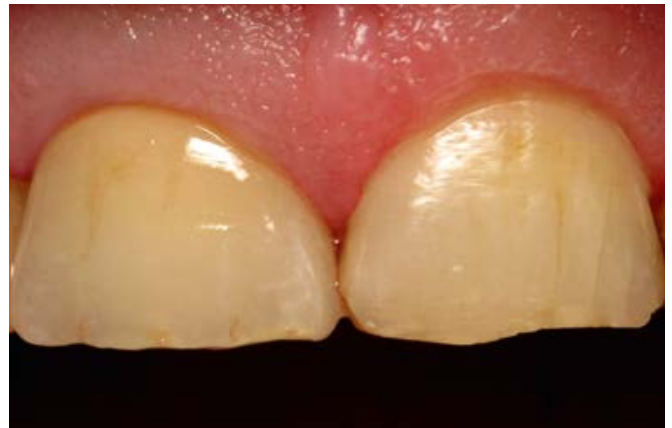


Figure 2b*
The crown on tooth 11 is based on its natural counterpart (tooth 21): sharp incisal edges, cracks and fissures, wear facets as well as shade characteristics typical of the age group.

The best performance



Figure 3a*
The crown on tooth 22 looks completely out of place in comparison to the tooth beside it (tooth 21) and to its counterpart tooth (tooth 12).



Figure 3b*
The new crown (tooth 22) with its strong basic shade and enamel effects is perfectly matched to the adjacent dentition.



Figure 4a*
The shade, shape and surface of the restoration make tooth 22 immediately obvious as a restoration.



Figure 4b*
The illusion of depth and the vivid play of light provide the new crown (tooth 22) with the same natural radiance as the adjacent dentition (tooth 21).

The best performance



Figure 5a*
The adjacent dentition provides a model for the distinct age-specific opacity of the reconstruction.



Figure 5b*
Thanks to the perfect replication of the opacity and fluorescence typical of a young tooth, the crown on tooth 12 blends seamlessly into the row of teeth.



Figure 6a*
With depth effects as well as distinct youthful opalescence, the light basic shade of tooth 21 beside it presents a particular challenge in this case.



Figure 6b*
The new crown (tooth 22) impresses with natural depth effects, a vivid play of colors, and opalescence typical of the age group.

The best performance



Figure 7a*
With regard to important characteristics such as shade, surface and shine, tooth 21 does not match tooth 11 beside it.



Figure 7b*
The metal ceramic crown (tooth 21) cannot be recognized as a restoration because it reflects all the characteristics of its natural neighbors.



Figure 8a*
Tooth 11 was used as a model for the tooth that had broken off (tooth 21) thanks to its particular characteristics: a light basic shade, distinct translucence, intact incisal edge and enamel effects similar to mother-of-pearl.



Figure 8b*
Crown 21 is a convincing replica of the tooth beside it, both in terms of shade and enamel effects, and demonstrates all the characteristics – including mother-of-pearl.

Precise – to meet your requirements



Exact

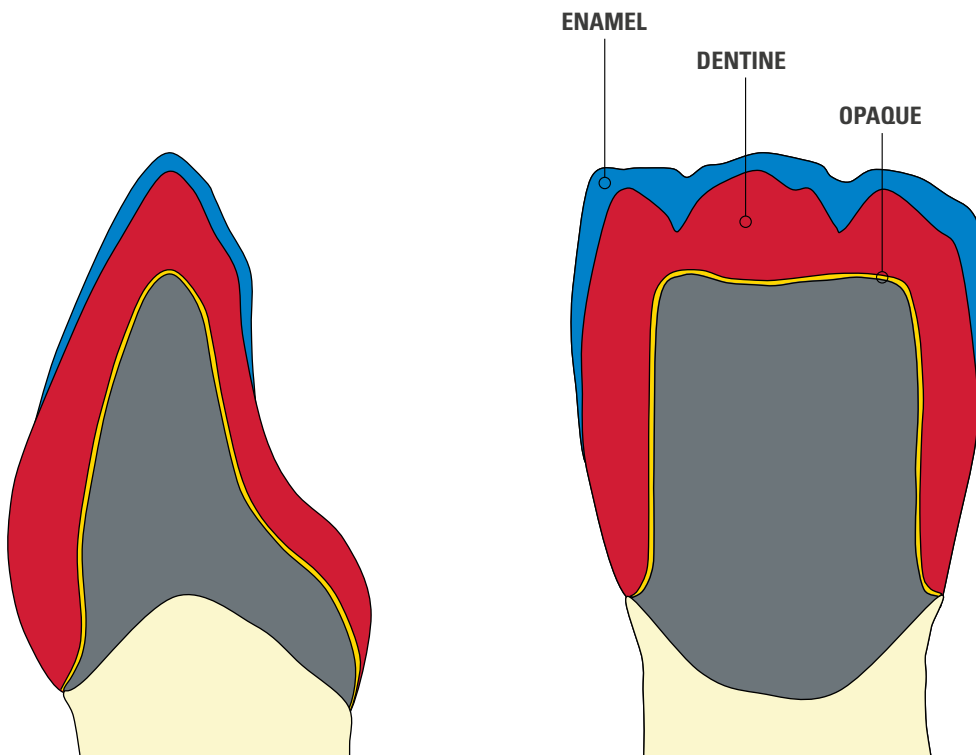
Always one layer better

Our developers work daily on materials that enable you to achieve maximum results with minimal effort. For instance, our opaquer covers the framework material after only one firing, and for good reason – whether using powder, paste or the spray-on technique.

The more intuitive the application, the more you can concentrate on the critical details. Our focus is on the classical standard layering, allowing you to experience all the advantages of a precise, fast and convincing process from the start.

Benefits at a glance

- Classical layering for intuitive handling
- First-class material properties – resulting in reduced shrinkage, significant time savings and permanent shade stability
- Extremely economic and esthetically convincing results



Classical layering technique

VITA VMK Master®

Exact

VITA MODELLING FLUID RS for extra moisture

Experts prefer VITA MODELLING FLUID RS (red solution) for its excellent stability and reduced shrinkage when layering.

Thanks to the smooth consistency of the ceramic you can always maintain the required level of moisture for the object. That suits the wet-in-wet approach to layering and allows the shades to blend into each other during layering. This in turn supports diffuse light effects, which can only be fully appreciated once finishing has been completed.

Benefits at a glance

- Excellent stability
- Reduced shrinkage
- Longer processing time



Exact

For more reliability: VITA NP BOND

VITA VMK Master offers the highest processing tolerance on nearly all precious metal-free alloys and is successfully used worldwide. If metal-related CTE irregularities do occur during the cooling phase, VITA NP BOND Paste also offers the required reliability that you expect.

Like a buffer, the innovative bonder evens out the CTE-related tensions and guarantees a secure bond between framework and ceramic – every time, whether you're using frameworks of laser-sintered, CAD/CAM-milled or cast precious metal-free alloys.

Benefits at a glance

- Nearly unlimited reliability – even in individual alloy-specific cases
- Simple processing, reliable bond and ready-to-use paste
- Warmer golden hue for esthetic results

We have tested the following alloys for you:
<https://www.vita-zahnfabrik.com/npbond>



Ready-to-use VITA NP BOND Paste



Warm hues for metals

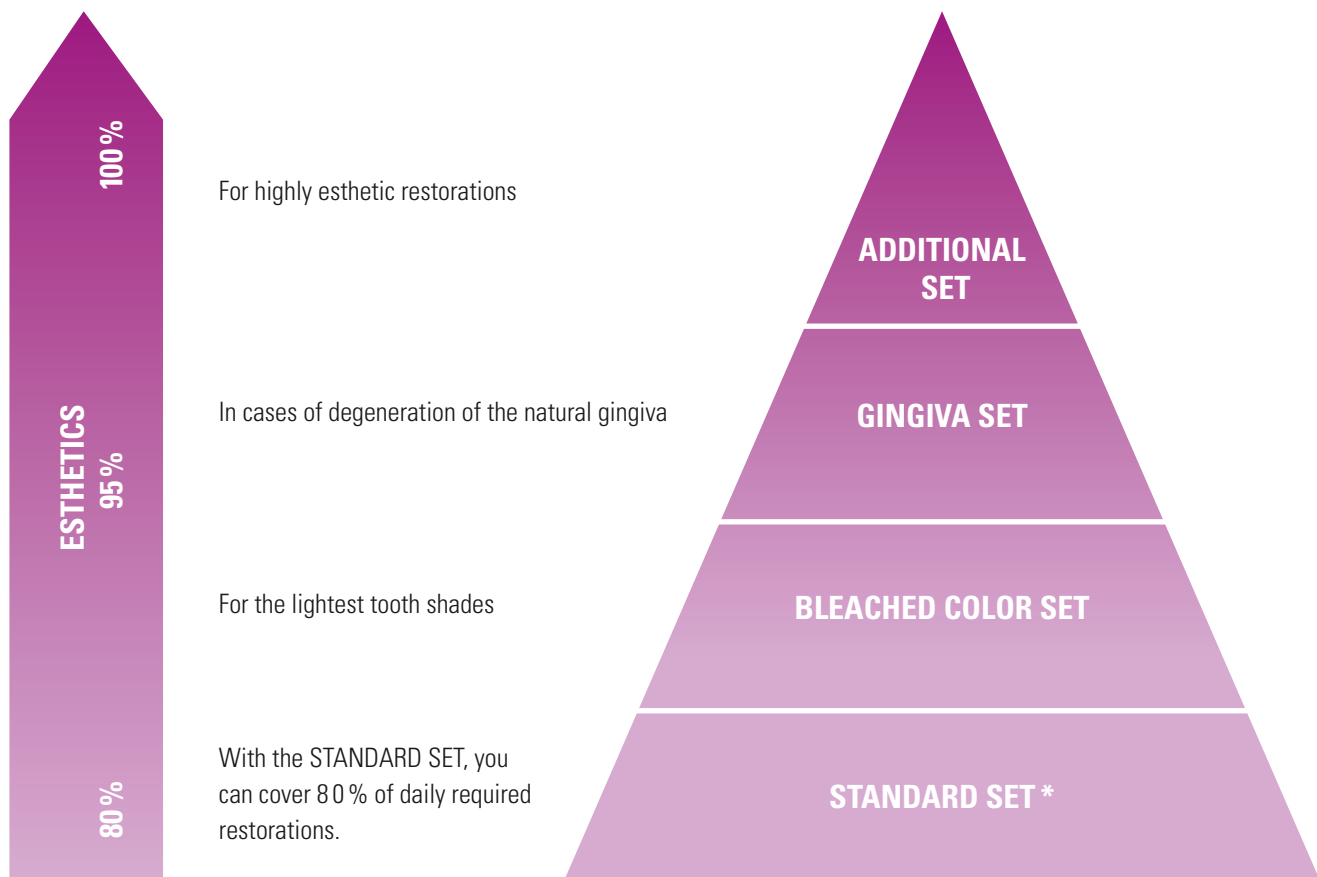
Flexible – thanks to a wide range of options



Flexible

VITA VMK MASTER® assortment design

VITA VMK offers you a large and comprehensive assortment with solutions for nearly every task. The larger the system, the broader the application possibilities.



* The STANDARD SET is available in the following versions:

- STANDARD SET POWDER VITA classical A1–D4
- STANDARD SET PASTE VITA classical A1–D4
- STANDARD SET POWDER VITA SYSTEM 3D-MASTER
- STANDARD SET PASTE VITA SYSTEM 3D-MASTER
- 10-COLOR SET POWDER VITA SYSTEM 3D-MASTER
- 10-COLOR SET PASTE VITA SYSTEM 3D-MASTER

VITA VMK Master® An unlimited number of options

Flexible

VITA VMK Master® MARGIN



Thanks to the patented procedure for the manufacture of VITA shoulder (MARGIN) materials, the veneering ceramic can be processed in a similar way as acrylic materials.



VITA VMK Master® LUMINARY



Highly fluorescent materials to control the depth of the restoration fluorescence.



VITA VMK Master® An unlimited number of options

Flexible

VITA VMK Master® DENTINE MODIFIER



For coloring the inside to obtain effects of depth



VITA VMK Master® CERVICAL



For enhancing the depth effect



VITA VMK Master® TRANSLUCENT



8 translucent shade nuances for the replication of the widest range of transparencies of the natural tooth enamel



VITA VMK Master® An unlimited number of options

Flexible

VITA VMK Master® NECK



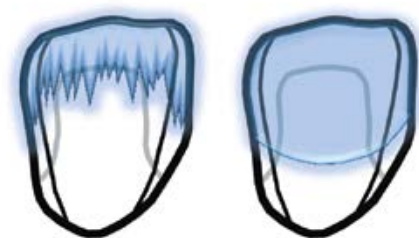
Perfect shade reproduction in the cervical area can be supported with the NECK materials.



VITA VMK Master® PEARL / OPAL TRANSLUCENT



Mother-of-pearl-like shimmer /
To create the opal effect of young
and translucent teeth



VITA VMK Master® An unlimited number of options

Flexible

VITA VMK Master® GINGIVA / GINGIVA OPAQUE



For shade-accurate restoration of losses of soft tissue



VITA VMK Master® WINDOW

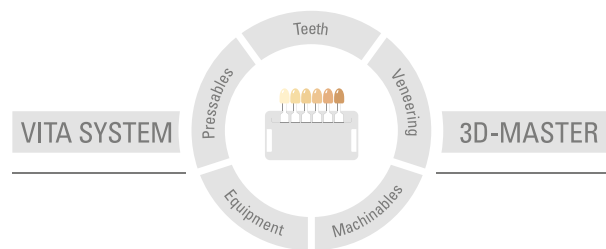


Glass-clear WINDOW materials



VITA VMK Master veneering ceramic is available in VITA SYSTEM 3D-MASTER and VITA classical A1–D4 shades. Shade compatibility with all VITA SYSTEM 3D-MASTER and VITA classical A1–D4 materials is ensured.

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 application. 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. Furthermore, our liability for the accuracy of this information is independent of the legal basis and, in as far as legally permissible, shall always be limited to the value as invoiced of the goods supplied, excluding value-added tax. In particular, as far as legally permissible, we do not assume any liability for loss of earnings, indirect damages, ensuing damages or for third-party claims against the purchaser. Claims for damages based on fault liability (culpa in contrahendo, breach of contract, unlawful acts, etc.) can only be made in the case of intent or gross negligence. The VITA Modulbox is not necessarily a component of the product.

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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 :

VITA VMK Master® VITA AKZENT® Plus VITA INTERNO®

VITA

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