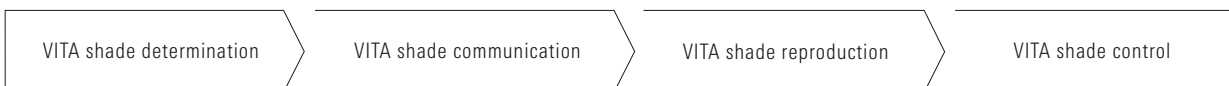


VITAVM[®]LC

Newly defined possibilities



VITA – perfect match.

VITA

Esthetic – for simply beautiful teeth

Individual – like life itself

Reliable – due to optimum characteristics

Versatile – for a wide range of options

Consistencies

Light-curing

Bonding system

Sealant system

Indication



Welcome to the new dimension!

Versatile range of applications: The VITA VM LC product family meets all your expectations when it comes to a veneering composite for extraoral restorations.

Whether using a paste or flow or any combination, you will achieve brilliant results with the light-curing microparticle composite VITA VM LC. VITA VM LC is very close to ceramic, and part of a complete material system. VITA VM LC is a high-quality system component of the versatile VITA VM concept – the universal solution for all common indications.



VITA VM LC



VITA VM LC flow

The choice is yours!

VITA VM LC provides a clearly structured range of options for daily work – from the perfect consistency to the required indication. We give you freedom of choice!

Consistencies

The choice is yours: VITA VM LC paste or VITA VM LC flow. In addition to an almost unlimited variety of combinations. The VITA VM LC flow materials are distinguished by the successful addition to the proven VITA VM LC pastes.

Shade system

The choice is yours: With the VITA SYSTEM 3D-Master shades and the VITA classical A1–D4 shades, you have two proven shade systems at your disposal.



Light-curing device

The choice is yours: VITA VM LC can be reliably and completely polymerized in most commercially available light-curing devices*.

Bonding system

The choice is yours: Almost all bonding systems or primers for the metal-composite bond are approved for use with VITA VM LC*.

* Details can be found in the VITA VM LC working Instructions and on our homepage www.vita-zahnfabrik.com

Esthetic – for simply beautiful teeth



Esthetic

Beautiful teeth are our mission

When it comes to ceramics, VITA is virtually unsurpassed. VITA VM LC offers esthetic results that are nearly indistinguishable from real ceramic veneers!

And now that low-viscous and paste-like consistencies can also be combined with VITA VM LC, the paths to brilliant esthetics are more varied today than ever before. Fast, reliable, individual. This is the new choice!



*Highly comparable
tooth 11 VITA VM LC, 21 - 22 VITA VM 13*



Convincing red/white esthetics

Various levels of translucency



*Different degrees of translucency based on the following pattern (from left to right):
CHROMA PLUS CP2, EFFECT ENAMEL EE2, ENAMEL LIGHT ENL, WINDOW WIN. Thickest point (top): 2.0 mm, thinnest point (bottom): 0.5 mm.*



Individual – like life itself

Individual

Select what works best!

One product. Two forms of processing. An unlimited number of options. And suitable for almost all indications.

Thanks to excellent handling with a brush or instrument, the VITA VM LC flow materials are ideally suited for individualization and intensification on the tooth neck, as well as for delicate and esthetic precision work in the incisal area.

Whether anterior or posterior tooth restoration: VITA VM LC is just as individual as the needs of its users. One thing is the same for every problem: The desire for an optimum result. We are pleased to give you the opportunity to achieve this.



The low-viscous VITA VM LC flow materials (left) are the successful addition to the proven VITA VM LC pastes (right).



VITA VM LC inlay, copyright: ZTM Jürgen Freitag, Bad Homburg

Indication:

- Full and partial veneering of metal frameworks: crowns, bridges, telescopic crowns, implant suprastructures
- Inlays, veneers

Application areas:

- Individualization and layering-over VITA ENAMIC
- Veneering partially yttrium-stabilized ZrO₂ frameworks (CTE 10.0 - 10.5 · 10⁻⁶ · K⁻¹), such as VITA YZ SOLUTIONS
- Individualization of VITA denture teeth
- Reproduction of gingival areas
- Veneering of removable and partially removable dentures (according to the manufacturer's information) made from
 - polyether ether ketone (PEEK)* with a ceramic filler content of up to 20%, such as Bio HPP/bredent
 - PEEK-OPTIMA LT1 polymer, such as Juvora, InnoBlanc Medical

Long-term temporaries:

- Individualizing and layering of long-term temporaries made from VITA CAD-Temp
- Metal-free crowns and three-unit anterior bridges made from VITA VM LC

* Details can be found in the VITA VM LC working Instructions and on our homepage www.vita-zahnfabrik.com

VITA ENAMIC: The first hybrid dental ceramic in the world with a dual-network structure.

Composite blanks for the fabrication of long-term temporaries

Denture bases (CAD/CAM)

VITA denture teeth with VITA MRP material (microfiller reinforced polyacrylic material) that have been proven for decades (VITAPAN PLUS, VITAPAN, VITA PHYSIODENS, VITA LINGOFORM)

Reliable – due to optimum characteristics






Results you can rely on!

We know what you expect from a composite. With VITA VM LC we have developed a product that meets all requirements for optimal processing.

The outcome: Results that you can count on. Reliably!

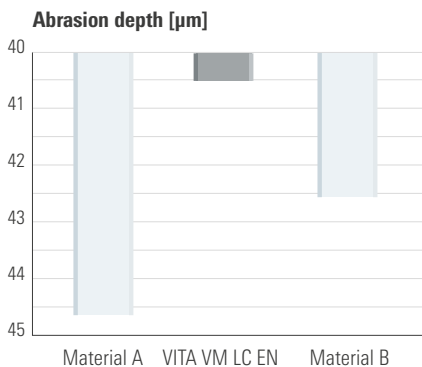


Network structure of VITA VM LC

-  Prepolymer, filled by monomer and integrated into the network
-  cross-linked monomer
-  Inorganic microparticle filler, surface functionalized, integrated into polymer network

Benefits at a glance

- Light, individual and for controlled modelling
- High material strength, reliable bonding and surface quality
- Good polishability, due to a highly cross-linked matrix with the use of a special polymer
- Scientifically proven abrasion strength*
- Particularly shade stable
- Reliable shade-taking procedure and reproduction



Abrasion depth according to wear simulation (VITA diagram; data adopted from QZ 2010;36(8):1074-1082).

An abrasion simulation study* of resin veneering materials shows that VITA VM LC Enamel features high abrasion strength in comparison to competitors' products.

*Quintessenz Zahntechnik 2010;36(8):1074-1082

Product	Flexural Strength MPa**	Modulus of elasticity MPa	Inorganic filler content weight %
VITA VM LC EN Paste	approx. 110	approx. 4500	41 – 52
VITA VM LC flow	approx. 130	approx. 7000	55 – 68

** Measured acc. to DIN EN ISO 10477

Versatile – for a wide range of options



A systematic range

From PRE OPAQUE, PASTE OPAQUE to BASE DENTINE and additional materials including ENAMEL: With the VITA VM LC family, we provide you with a product range that always offers the perfect solution for all tasks. And systematically as well!

Material			flow*	Paste
BASE DENTINE – Shade-defining BASE DENTINE materials	0M1/1M1/2M1/2M2/2M3/3M2/3M3/3R2,5 A1–D4**		✓ ✓	✓ ✓
ENAMEL – Translucent enamel materials	ENL END	Light dark	✓ ✓	✓ ✓
NEUTRAL – Universal translucent material	NT	Translucent	✓	✓
WINDOW – Transparent material, for crystal-clear effects in the enamel area – For mixing and layering of VITA VM LC PAINT stains on VITA VM LC, VITA acrylic teeth and VITA CAD-Temp – For mixing flow materials – For coating the finalized veneer – For covering cracks	WIN	transparent	✓	–
EFFECT ENAMEL – Translucent enamel effect material for all enamel areas – For achieving a natural effect of depth – Can be mixed with PAINT and WINDOW	EE1 EE2 EE5 EE6 EE7 EE9 EE11 EE12	whitish pastel yellowish-translucent reddish-translucent orange-translucent bluish-translucent greyish-translucent grey-beige	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	– ✓ – ✓ – ✓ – ✓
CHROMA PLUS (flow & paste) – Shade-intensive materials – To be applied in the tooth-neck area or across the entire surface of the opaquer CHROMA PLUS (flow) – the intensity can be controlled through the thickness of the layer – stronger fluorescent effect – can also be used as a correction material, depending on the shade – can be mixed with PAINT	CP1 CP2 CP3 CP4 CP5	ivory beige-yellow light orange-brown orange green-brown	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
GINGIVA – For restoring the original gingival situation – Can be mixed with PAINT and WINDOW	G1 G2 G3 G4 G5	dusky pink orange-pink pink brown-red dark red	✓ ✓ ✓ ✓ ✓	✓ ✓ – ✓ ✓
PRE OPAQUE – For increasing the bonding strength – Cures well and enables an even opaque layer				
OPAQUE PASTE & GINGIVA OPAQUE PASTE – For fast handling with exceptional covering capacity and stability, due to the homogeneous visco-elastic consistency				
OPAQUE POWDER – As an alternative to OPAQUE PASTE, OPAQUE POWDER is available in many shades with a long storage capability				

VITA VM LC GEL

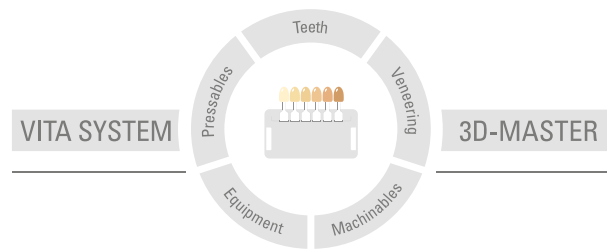
For preventing the inhibition layer during final polymerization.

* The VITA VM LC flow materials are abrasion resistant and can be used on the surface. They can be mixed with one another. and can be shaded by combining with VITA VM LC PAINT materials.

** except B1

VITA VM LC is available in VITA SYSTEM 3D-MASTER and VITA classical A1–D4 shades. Shade compatibility is guaranteed with all VITA 3D-MASTER and VITA classical A1–D4 materials.

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: 2024-06

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

VITA Zahnfabrik has been certified and the following products bear the mark

CE 0124

VITAVM[®]LC · VITA ENAMIC[®] · VITA CAD-Temp[®] · VITAPAN[®] ·
VITAPAN[®] PLUS · VITA PHYSIODENS[®] · VITA LINGOFORM[®] ·
VITA MFT · VITA VIONIC VIGO[®] · VITA VIONIC[®] BASE DISC HI ·
VITA VIONIC[®] DENT DISC multiColor · VITA VIONIC[®] BASE DISC



VITA

 VITA Zahnfabrik H. Rauter GmbH & Co. KG
Spitalgasse 3 · 79713 Bad Säckingen · Germany
Tel. +49 (0) 7761/562-0 · Fax +49 (0) 7761/562-299
Hotline: Tel. +49 (0) 7761/562-222 · Fax +49 (0) 7761/562-446
www.vita-zahnfabrik.com · info@vita-zahnfabrik.com
 facebook.com/vita.zahnfabrik