

VITA

One for All Ceramics and more



VITA LUMEX® AC

The modern and reliable veneering ceramic for all conventional framework ceramic and titanium.





The advantages

Versatile

Simplifies your day-to-day work, thanks to a wide variety of indications.

Reliable

Reliable reproduction of tooth shades with VITA SHADE MATCH formula.

Efficient

Safe and efficient processes are made possible by the high firing stability and proven durability.

veneering ceramics

VITA LUMEX® AC

Versatile. Reliable. Efficient.

VITA LUMEX AC is a veneering ceramic with the VITA material formula for shade accuracy and vivid, reliable results.

- For veneering all conventional, all-ceramic framework materials (zirconia, lithium silicate and feldspar ceramics)
- For veneering titanium
- For the production of restorations without a framework (e.g., veneers)



True-to-shade. Mimics nature.

Impressive light dynamics in every facet



ENAMEL materials exhibit a natural translucency.



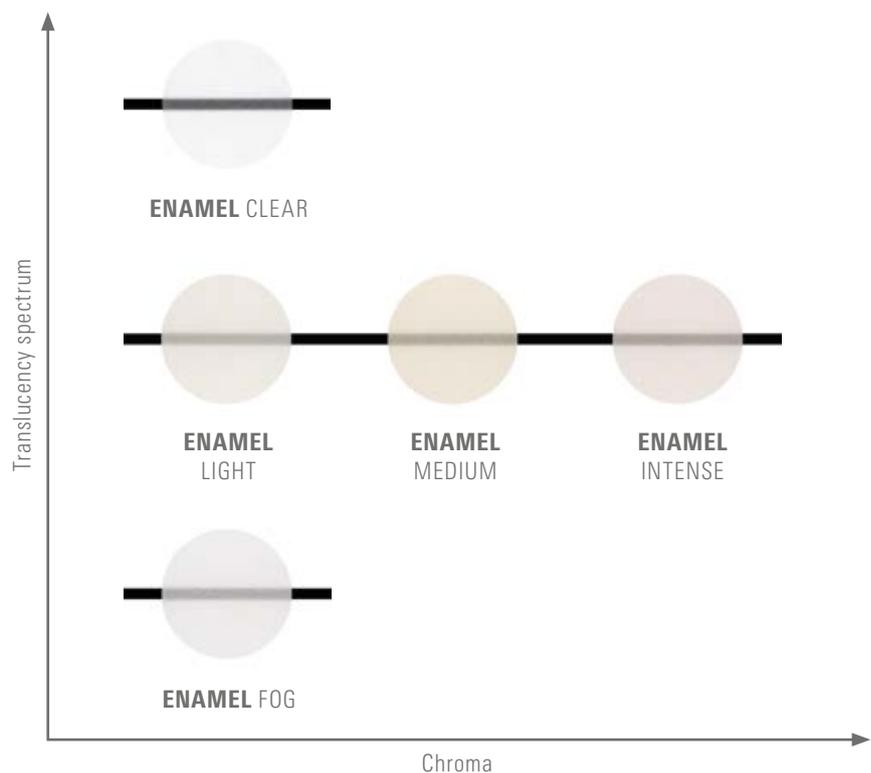
OPAL TRANSLUCENT materials make a brilliant, opalescent play of shade possible.



POWERWASH and FLUO INTENSE materials support the reproduction of natural fluorescence.

Fine gradation for a natural esthetic

The fine gradation of ENAMEL materials, from whitish-opaque to glass clear: providing the right ceramic for every degree of translucency.







Fired and layered.

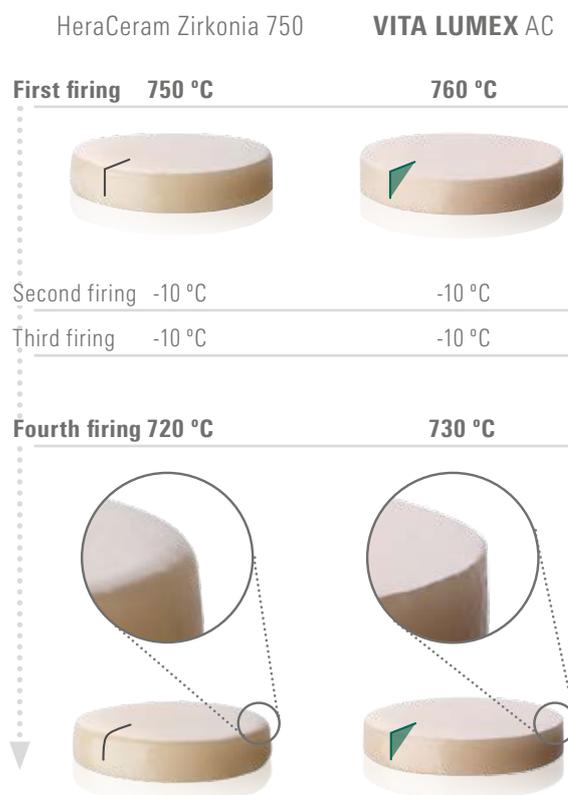
Impressive firing stability

With VITA LUMEX AC, restorations come out of the furnace as intended: firing with a layered look, thanks to the impressive firing stability.



Reliable firing results

VITA LUMEX AC enables reliable, shape-stable firing results through minimized material shrinkage, thanks to a homogeneous material structure with high density.



Highly precise modeling

Highly precise modeling, with remarkable stability – made possible by VITA LUMEX AC, thanks to its particularly well- suited particle size distribution and microserration of the ceramic particles.

Exemplary, simplified visualization of particle size distribution/microserration



Shape. Shade. Light.

What are the benefits of **VITA LUMEX**[®] AC veneering ceramic?
Answers straight from daily laboratory practice!



The **VITA LUMEX** AC veneering ceramic offers absolute shade stability and is precisely adapted to the VITA shade guide. "When I specify an A2 using the VITA shade guide, I get the exact original VITA A2 shade with **VITA LUMEX** AC!"

Dr. Jorge Carro Juárez
Dentist and Dental Technician, Panotla, Tlaxcala, Mexico

Highly esthetic restorations with straightforward layering.





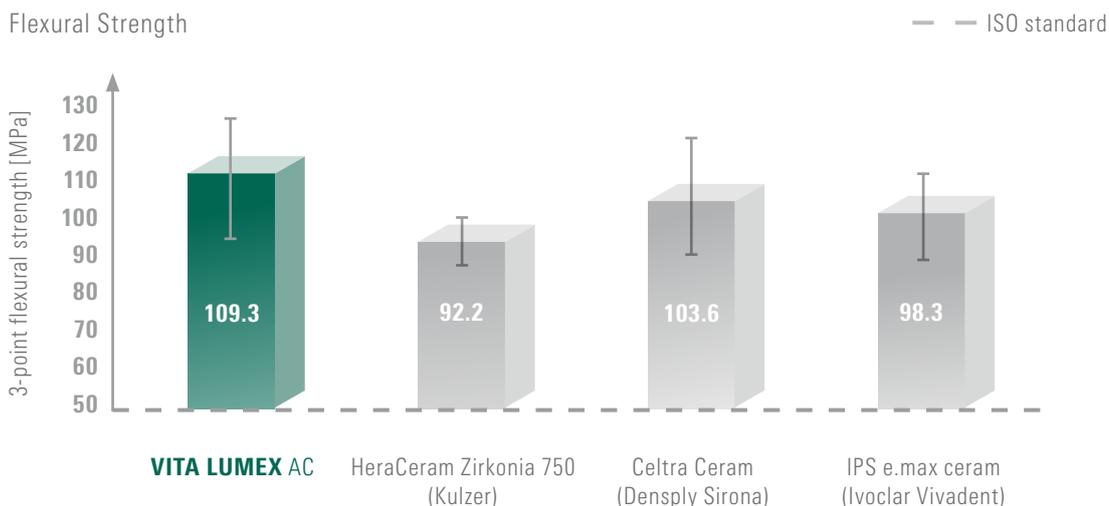


Proven durability.

High fracture resistance

Thanks to its excellent fracture resistance, VITA LUMEX AC achieves good clinical durability and stability values in tests that are significantly above the standard requirements.

Flexural Strength

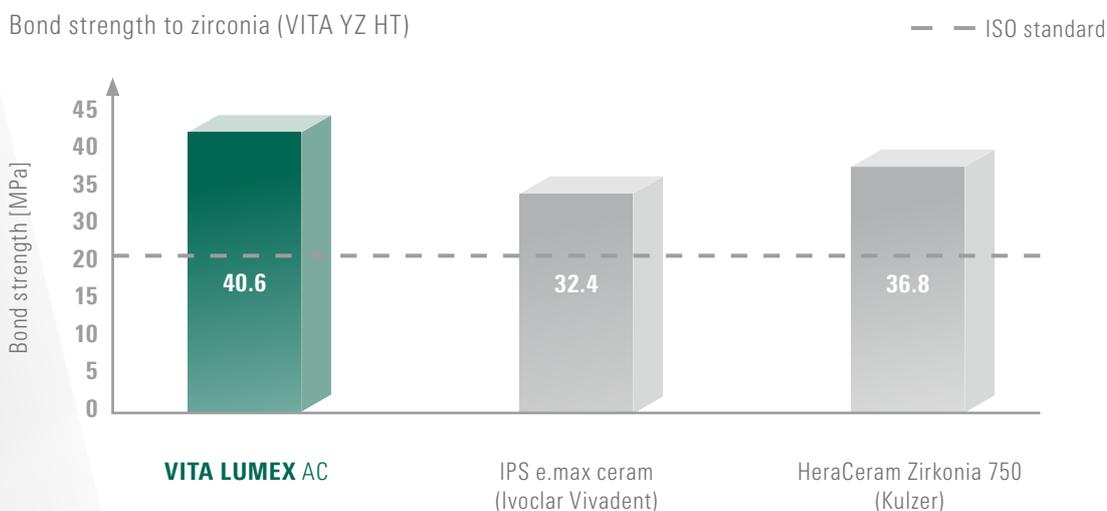


Source: Internal study of VITA R&D, Measurement of 3-point bending strength, according to ISO 6872 with the abovementioned materials, Report 08/19, Dr. B. Gödiker, ([1] see back of prospectus)

Very good bond quality

A reliable bond to the framework ceramic is ensured, thanks to the coordinated coefficients of thermal expansion (CTE). VITA LUMEX AC achieves bond strength values in tests that are significantly above the standard requirements.

Bond strength to zirconia (VITA YZ HT)



Source: Internal study of VITA R&D, Measurement of bondstrength according to ISO 9693 ("Schwickerath test") with the abovementioned materials, Report 08/19, Dr. B. Gödiker, ([1] see back of prospectus)

Materials and shades.

Basic materials

 <p>OPAQUE</p> <p>Stains</p>	<p>For masking frameworks</p> <p>opaque-0 opaque-1 opaque-2 opaque-3 opaque-4 opaque-5</p>	 <p>OPAQUE DENTINE</p> <p>Shades</p>	<p>For the reproduction of the base shade in the case of minimum wall thicknesses</p> <p>VITA classical A1–D4 and VITA SYSTEM 3D-MASTER</p>	 <p>ENAMEL</p> <p>Stains</p>	<p>For the reproduction of the play of shade/light in the tooth enamel</p> <p>light medium intense clear fog</p>
 <p>POWER WASH</p> <p>Stains</p>	<p>To support the intensity of the tooth shade and control the degree of fluorescence or lightness</p> <p>VITA classical A1–D4 and VITA SYSTEM 3D-MASTER lightness levels LL0-LL5</p>	 <p>DENTINE</p> <p>Shades</p>	<p>For the reproduction of the base shade in the cervical / body area</p> <p>VITA classical A1–D4 and VITA SYSTEM 3D-MASTER</p>	 <p>GINGIVA</p> <p>Stains</p>	<p>For the reconstruction of gingival areas</p> <p>pale-papilla light-rose nectarine grapefruit rosewood purple deep-red dark-red</p>

Effect / addition materials Dentine

 <p>DENTINE MODIFIER</p> <p>Shades</p>	<p>For the reproduction of effects in the cervical / dentine area</p> <p>cloudwhite caramel honey copper</p>	 <p>FLUO INTENSE</p> <p>Shades</p>	<p>For the control of fluorescence from the depths</p> <p>arctic-white cream cappuccino sand sesame</p>	 <p>MAMELON</p> <p>Stains</p>	<p>For imitating mamelons in the incisal area</p> <p>saffron honey-melon</p>
 <p>CHROMA INTENSE</p> <p>Shades</p>	<p>For the enhancement of chromaticity in the cervical area, especially in cases of thin layers</p> <p>ivory almond hazelnut</p>	 <p>MARGIN</p> <p>Shades</p>	<p>For ceramic shoulders and corrections in the margin area</p> <p>straw-yellow corn-yellow</p>		

Effect / addition materials Enamel

 <p>TRANS-LUCENT</p> <p>Stains</p>	<p>Universally applicable translucent materials for the reproduction of shade effects in the incisal area</p> <ul style="list-style-type: none"> <li style="width: 50%;">○ smoky-white <li style="width: 50%;">○ light-blonde <li style="width: 50%;">○ misty-rose <li style="width: 50%;">○ sunlight <li style="width: 50%;">○ sun-intense <li style="width: 50%;">○ waterdrop <li style="width: 50%;">○ deep-blue <li style="width: 50%;">○ foggy-grey
 <p>OPAL TRANS-LUCENT</p> <p>Stains</p>	<p>For the reproduction of opal effects</p> <ul style="list-style-type: none"> <li style="width: 50%;">○ opal-neutral <li style="width: 50%;">○ opal-sky <li style="width: 50%;">○ opal-azure
 <p>PEARL</p> <p>Stains</p>	<p>For the reproduction of mother-of-pearl effects</p> <ul style="list-style-type: none"> ○ shell
 <p>CORRECTIVE</p> <p>Stains</p>	<p>For corrections after the glaze firing with a reduced firing temperature</p> <ul style="list-style-type: none"> <li style="width: 50%;">○ neutral <li style="width: 50%;">○ desert

Product range overview

STANDARD KIT

For standard veneering



EXPERT KIT

For individual veneering



CUT-BACK KIT

For cut-back and micro-veneering



GINGIVA KIT

For the reconstruction of gingival areas



STARTER KIT

For the first introduction



POWERWASH KIT

For shade intensity and fluorescence



Suitable solutions for processes.



Shade determination

VITA Easyshade V/VITA Easyshade LITE
or VITA Shade Guides



Framework completion

VITA YZ ZIRCONIA, VITABLOCS feldspar ceramic
or VITA AMBRIA lithium silicate ceramic



Veneering

VITA LUMEX AC



Characterization

VITA AKZENT Plus stains/ glaze materials



Firing

VITA VACUMAT 6000 M



Polishing

VITA CERAMICS polishing set



Bonding

VITA ADIVA LUTING SOLUTIONS



We are happy to help.

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On publication of these instructions for use, previous versions will no longer be valid. The current version in each case is available at www.vita-zahnfabrik.com

VITA Zahnfabrik is certified, and the following products bear the mark **CE 0124**: VITA LUMEX® AC

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References

Internal studies, VITA R&D

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Detailed test data

See Technical and scientific documentation
VITA LUMEX AC
Download via www.vita-zahnfabrik.com



Additional information on
VITA LUMEX AC
www.vita-zahnfabrik.com/lumex



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