

VITA AMBRIA® PRESS SOLUTIONS

Brilliant, true-to-shade press results. At any time.



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue: 2021-11



VITA – perfect match.

VITA

A close-up, soft-focus photograph of a woman's face, showing her eyes, nose, and a slight smile. She has dark hair with blonde highlights. The background is a bright, out-of-focus white. The text is overlaid on a white rectangular box with a thin orange border.

CONCEPT AND BENEFITS

VITA AMBRIA® Press solutions is a highly esthetic press ceramic system for natural, lifelike results. In addition to very good shade fidelity and excellent light dynamics, the press ceramic is also characterized by efficient processing.



▶ VITA AMBRIA –
Brilliant. True-to-shade. Highly accurate.



VITA AMBRIA® PRESS SOLUTIONS – NATURAL, TRUE-TO-SHADE AND RELIABLE



VITA AMBRIA –
Press ceramic system
for esthetic and durable
results.



What?

- Zirconia-reinforced lithium disilicate press ceramic system for highly esthetic and durable results with efficient processing

What for?

- For the production of delicate reconstructions, such as veneers and inlays/onlays, as well as highly esthetic, full/partial crowns and three-unit bridges, up to the second premolars

With what?

- The press ceramic system includes press ceramic pellets in two levels of translucency (T/HT) and two sizes (S, L), muffle system, investment material and liquid, as well as press plungers



THE PRESS SYSTEM WITH MATCHED COMPONENTS



VITA AMBRIA®

- For consistently efficient and reliable processing, there are perfectly matched system components for every step, from investing to pressing to veneering.



SHADE DETERMINATION



MODELING



INVESTING



PRESSING



VENEERING*



STAINING



POLISHING



VITA AMBRIA – Efficiency with system.

*) Optional process step: does not apply for monolithic restorations.

THE ADVANTAGES



▶ VITA AMBRIA –
Esthetic, reliable
and highly accurate.

Brilliant

- Brilliant, multi-faceted play of shade and light, thanks to material with natural translucence, opalescence and fluorescence

True-to-shade

- Reliably reproduce tooth shades, thanks to press pellets with very good fidelity and perfectly matched system components

Efficient

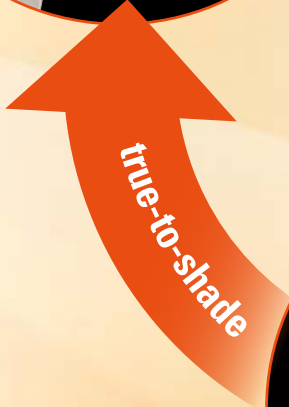
- Achieve efficient, highly accurate press results through a minimized reaction layer, as the material and investment material are ideally matched

Durable

- Highly durable restorations, thanks to zirconia-reinforced lithium disilicate ceramic with very high stability (> 550 MPa)



brilliant



true-to-shade



highly accurate



EXCELLENT LIGHT DYNAMICS FOR HIGHLY ESTHETIC RESTORATIONS

VITA AMBRIA –
For a multifaceted play
of shade and light



VITA AMBRIA®

- has a natural appearing translucency for ideal light transmission
- features integrated opalescence for a brilliant play of shade
- offers a natural self-fluorescence for an excellent play of light



▶ ideal light transmission



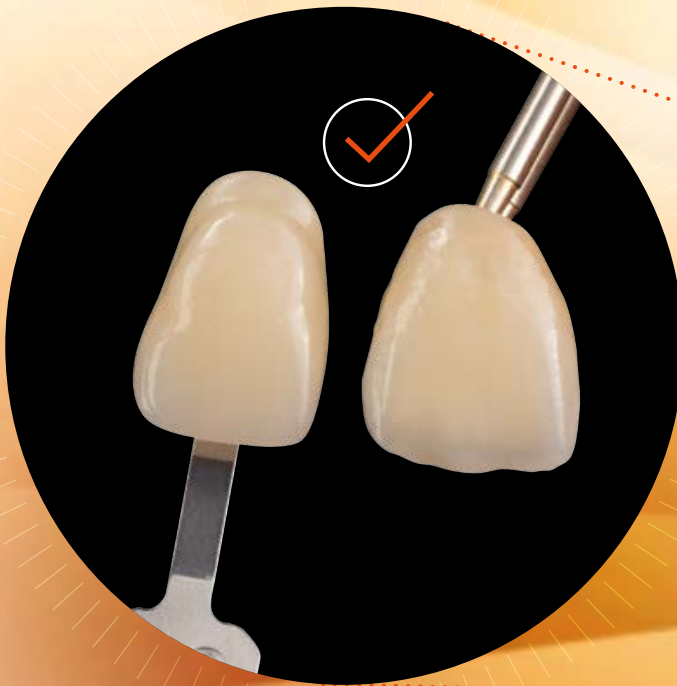
▶ brilliant play of shade



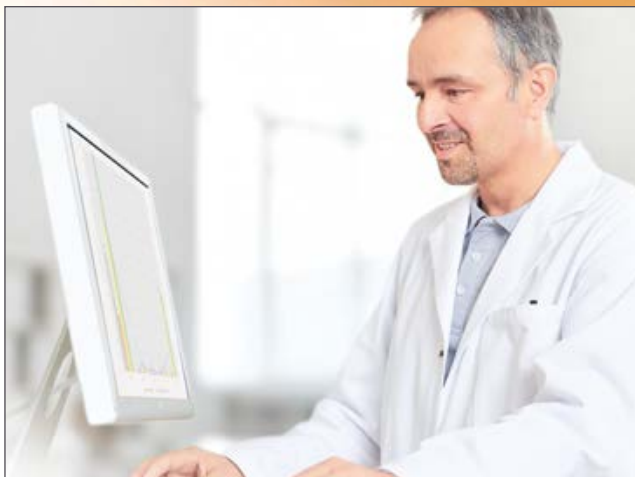
▶ natural fluorescence



REPRODUCE TOOTH SHADES RELIABLY AND EFFICIENTLY



◀ **VITA AMBRIA – perfect match.**
Reliable reproduction of shade, thanks to press pellets with excellent shade fidelity.



Precise shade formula

- Thanks to high-precision measurement technology, a very high level of shade accuracy is achieved in the development and production of VITA AMBRIA press pellets.



Precise shade determination

- With the visual and digital shade determination systems of VITA Zahnfabrik, tooth shades can be determined with high precision.



Precise shade reproduction

- Precise tooth shade information and true-to-shade press pellets enable efficient and reliable color reproduction.



HIGHLY ACCURATE AND EFFICIENT RESULTS



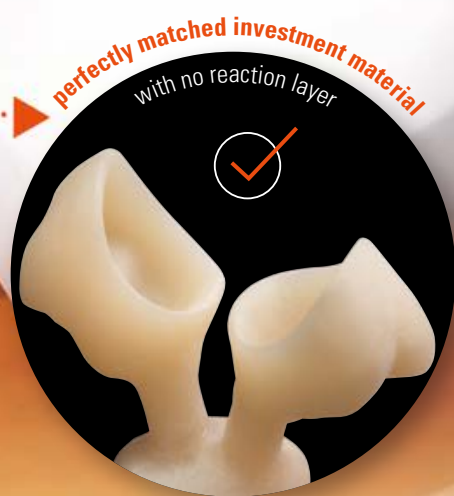
VITA AMBRIA Press Ceramic

VITA AMBRIA®

- enables very accurate press results, due to a minimized reaction layer, as the material and investment material are ideally matched to one another
- enables efficient finalization, as the minimum reaction layer can be blasted quickly and easily without post-treatment in an acid bath



VITA AMBRIA Investment Material and Liquid

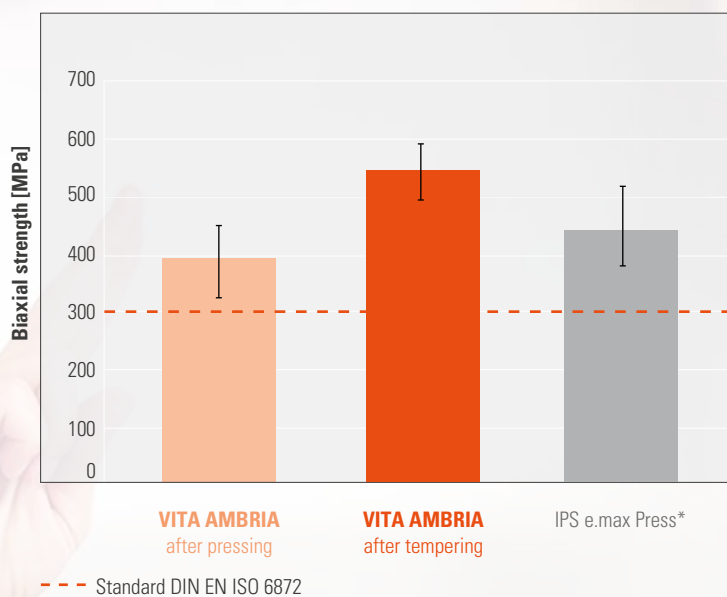


OUTSTANDING DURABILITY AND POLISHING RESULTS

1. Very high stability for very good durability



Biaxial strength



Source: Internal study, VITA R&D, Measurement of biaxial strength of abovementioned materials in accordance with ISO 6872 (with modified sample geometry), (Gödiker, 1/2019, [1] see back of prospectus)
*) Level of strength after pressing process. Tempering is not specified by the manufacturer.

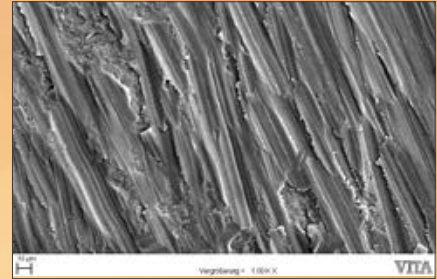
VITA AMBRIA®

- offers very good, long-term clinical durability, thanks to very high stability
- with an average biaxial strength of > 550 MPa (after Power Glaze), achieves a level of stability that exceeds the standard requirements

2. Efficient polishing results for an excellent degree of gloss

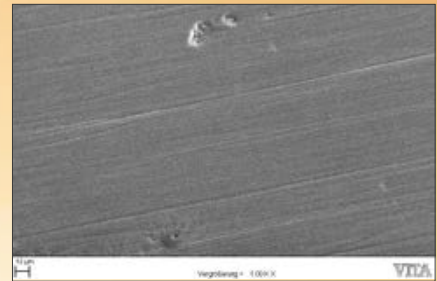
1. Diamond processing

Surface after processing with diamond point



2. Coarse polishing

Surface after processing with coarse polisher



3. Fine polishing

Surface after processing with fine polisher

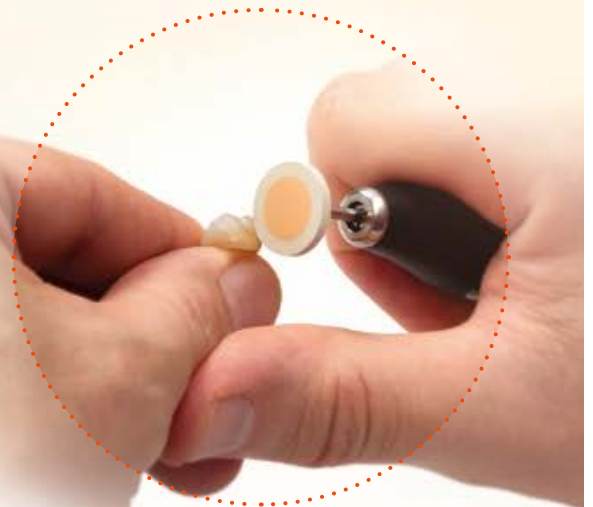


Source: Internal study, VITA R&D, REM images of the processed surface of VITA AMBRIA specimen, 1,000-fold magnification, (Gödiker, 8/2019, [1] see back of prospectus)

VITA AMBRIA –
Achieve high gloss quickly and efficiently.

VITA AMBRIA®

- can be efficiently polished to a high gloss, thanks to its homogenous microstructure
- shows homogeneous, smooth surfaces without defects in tests after three processing steps (diamond processing, coarse and fine polishing)



A close-up, profile view of a man and a woman. The man, on the left, has dark hair and a beard, and is wearing an orange polo shirt. The woman, on the right, has dark hair and is wearing a yellow top. They are both looking towards each other, and the woman's hand is visible at the bottom right, holding a small object. The background is bright and out of focus.

SYSTEM AND COMPONENTS

VITA AMBRIA® Press pellets are available in a multitude of variants and shades. There are also several coordinated system components. Get to know the entire spectrum of available materials now.



SYSTEMKOMPONENTEN

Einbetten
VITA-AUSBAU INVEST-F
VITA-AUSBAU-ADRESYSTEM

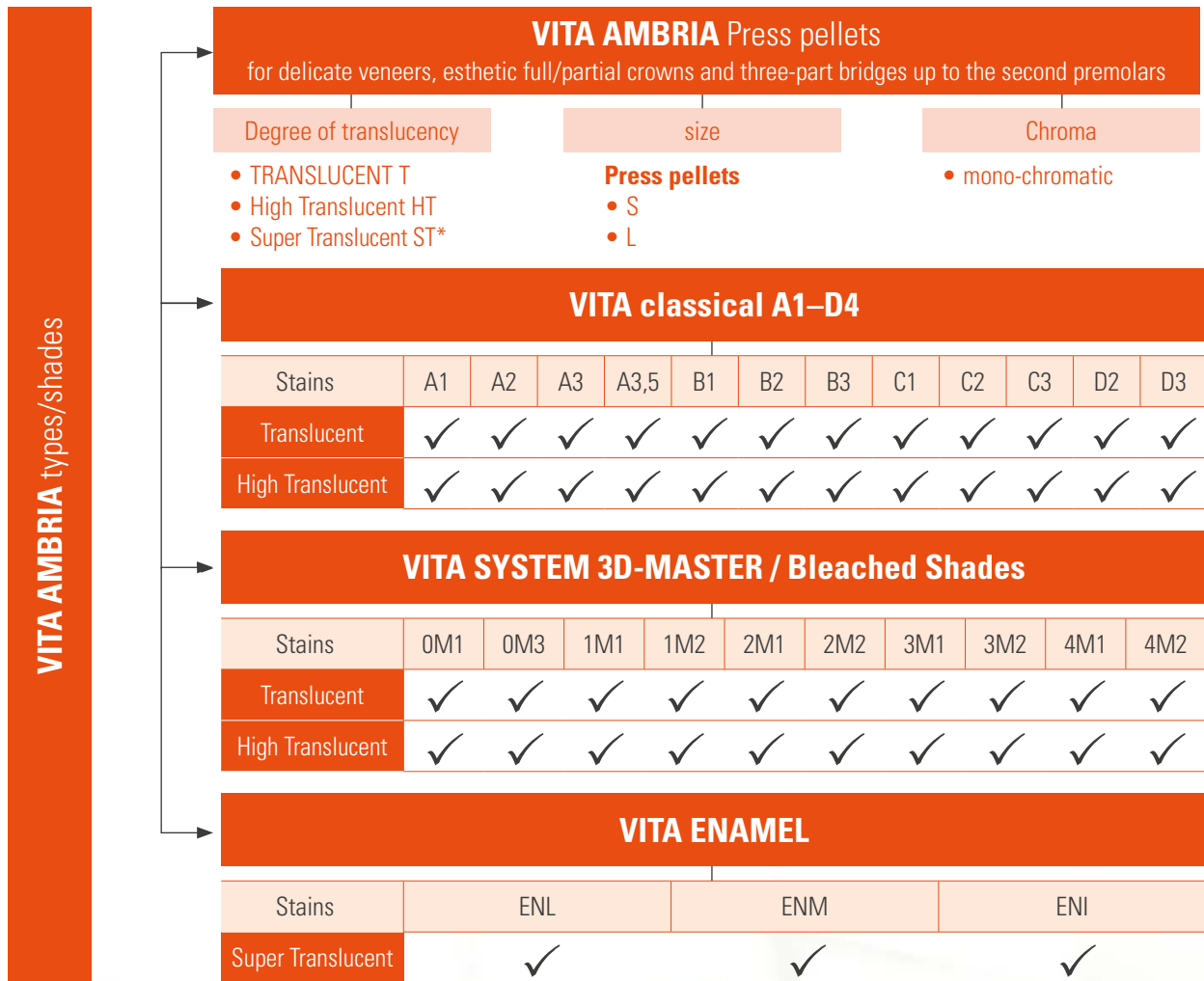
Präsen
VITA-ALZINAT DRUM
VITA-AUSBAU-PLUNGER

Polieren
VITA-SPIRIT
Polierinstrumente

Verblenden
VITA-LUMEX-AC

Bemalen/Glasieren
VITA-ACCENT PLUS

OVERVIEW OF VERSIONS, GEOMETRIES AND SHADES



* Only available as an S pellet



COORDINATED PRESS COMPONENTS



Investment material/liquid

Ideally matched to VITA AMBRIA press pellets, phosphate-bonded and speed-capable investment material with liquid for precise expansion control and flowability.

VITA AMBRIA INVEST

- VITA AMBRIA INVEST P: available as 50 x 100 g pack
- VITA AMBRIA INVEST F: available as 1-liter bottle



Muffle system

Transparent, cone-shaped muffle ring and base for easy placement and easy removal of objects; suitable for all common press units.

- VITA AMBRIA MUFFEL SYSTEM: available as 100 g and 200 g muffle system



Press plunger

Disposable press plunger for simple handling, without time-consuming blasting and preheating.

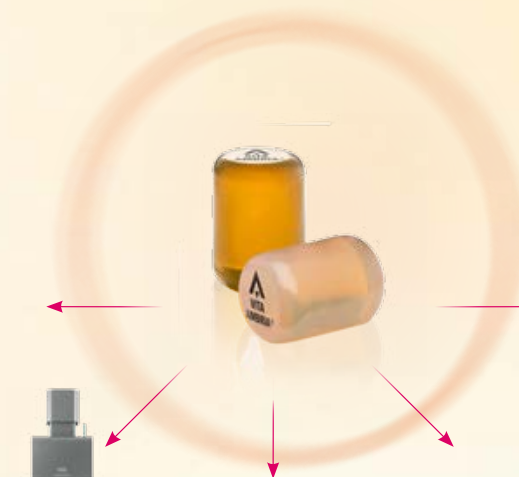
- VITA AMBRIA PLUNGER: available as a pack of 50 pieces (diameter 13 mm)

AVAILABLE SYSTEM COMPONENTS

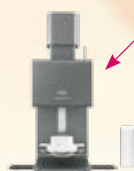


Investing

VITA AMBRIA INVEST P + F
VITA AMBRIA INVESTMENT
RING SYSTEM



Staining/Glazing
VITA AKZENT PLUS



Pressing
VITA VACUMAT 6000 MP
VITA AMBRIA PLUNGER



Polishing
VITA SUPRINITY
polishing instruments



Veneering
VITA LUMEX AC

IDEAL SOLUTIONS FOR THE TREATMENT WORKFLOW



*) Optional: Veneering with VITA LUMEX AC is an optional process step and is not necessary for the monolithic restoration concept.

WE ARE HERE TO HELP

More information on products and processing is also available at www.vita-zahnfabrik.com



Hotline Sales Support

Mr. Udo Wolfner and his team (Internal Sales Department) will be glad to assist you with orders or questions about delivery, product data and marketing materials.

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Technical hotline

If you have technical questions concerning the VITA product solutions, you can contact Dr. Michael Tholey and his team from Technical Service.

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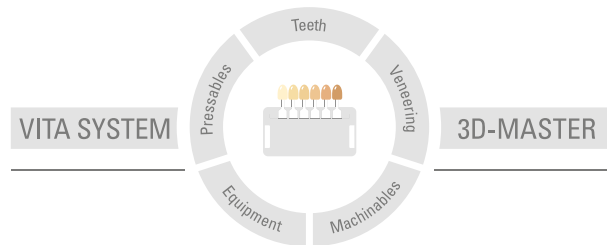
You can find more information on VITA AMBRIA at:
www.vita-zahnfabrik.com/ambria

1. References

1. Internal studies, VITA R&D:

VITA Zahnfabrik H. Rauter GmbH & Co. KG
Research and Development Division
Spitalgasse 3
79713 Bad Säckingen
Michael Gödiker, engineer, R&D division director, Bad Säckingen

For detailed test data, see the technical and scientific documentation
VITA AMBRIA® PRESS SOLUTIONS
Download at www.vita-zahnfabrik.com/ambria



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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

VITA AMBRIA®

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 **MD** Rx Only

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