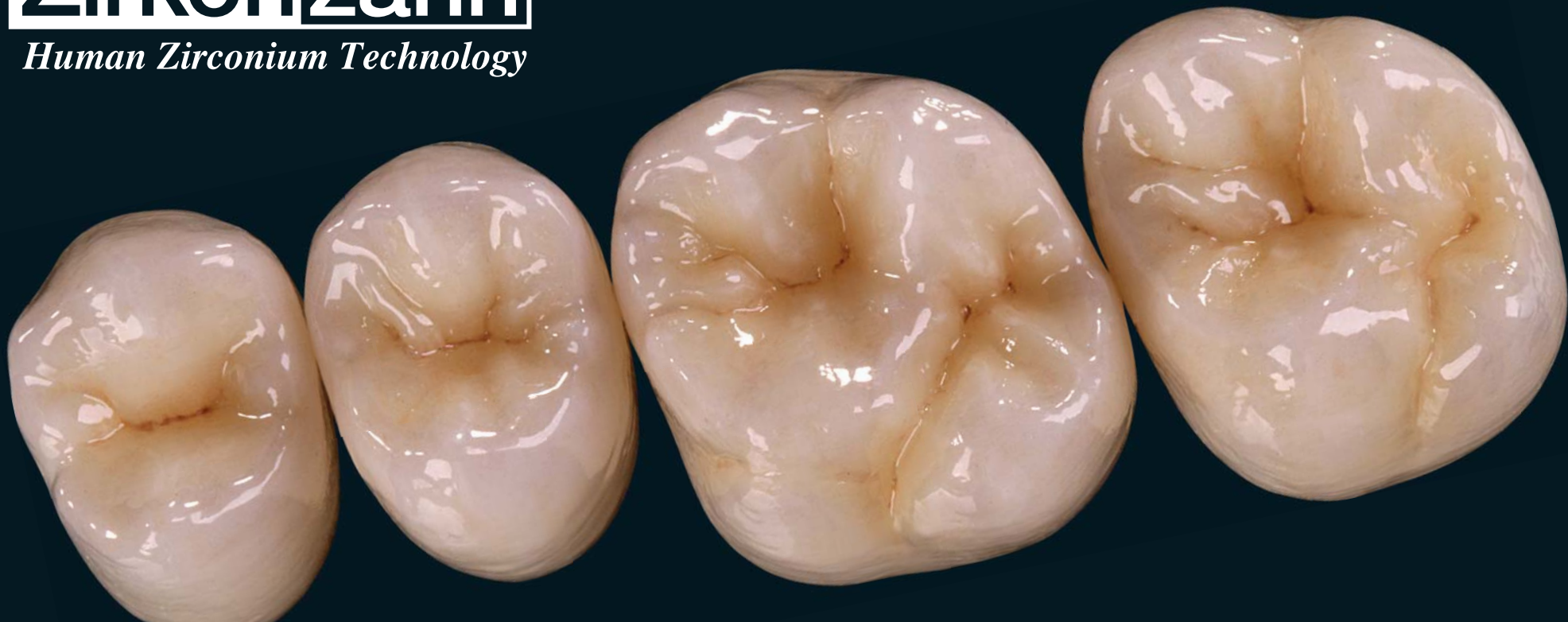


Zirkonzahn®

Human Zirconium Technology



ICE ZIRKON 3D STAINS

by Enrico Steger



VIRTUOSITY OF AESTHETICS

Zeitgeist is the element that drives us. It is the element in which we would like to set new trends, where we want to be at the forefront, philosophise, analyse, try out and enjoy the new variants we are able to realise. With the 3D colours we have made the application technique now even more virtuosic. New colours and glazings enable splendid results, allowing us to measure ourselves against others.

Immerse yourself with us in the wonderful world of our craft and create noble products yourself!

Andreas Steyer







STAINS WITH NATURAL 3D-EFFECT

The ICE Zirkon 3D Stains by Enrico Steger have been developed as 18 new stains for colouring of Prettau® Zirconia, Prettau® Anterior®, ICE Zirkon Translucent, ICE Zirkon Ceramics as well as pressed ceramic. They distinguish themselves through their intense three-dimensional depth effect, which allows for a particularly natural and homogeneous surface design of the entire dental restoration. Thanks to their viscous consistency, the colours do not run on smooth surfaces and can hence be applied even in thicker layers. Their microfine ceramic particle structure allows for an even colouring of the restoration. Micro cracks and enamel effects can be integrated in the glazing. Due to their ceramic basis, the colours show inherent gloss. Moreover, their high fluorescence leads to intense colour brilliance. ICE Zirkon 3D Stains by Enrico Steger can also be directly incorporated in the 3D Base Glaze glaze mass. In this way, glaze and stain firing can be conducted in one single work step (All-in-one technique).

All of these possibilities and the internal and external colouring technique simplify the imitation of nature and the individualisation of the dental prosthesis. They are easy to handle and offer stunning results.





TIP

Mix stains in the box well with a spatula before use.

CAUTION!

Stains must not come into contact with water as this could cause them to become whitish.

USE

1. *Clean the sintered structure (full contour structures as well as structures which have been veneered with ICE Zirkon Ceramics).*
2. *Apply ICE Zirkon 3D Stains using a brush (as illustrated in the colouring examples below).*
 - *With the Refreshing Liquid 3D it is possible to dilute the ICE Zirkon 3D Stains. In this way, the colouring time is extended and the colours can be applied homogeneously.*
 - *Refreshing Liquid 3D can also be used for refreshing of dried up stains in the bottle, to again obtain a viscous mass.*
Attention! For this purpose use Refreshing Liquid 3D only in small quantities!
 - *Attention! ICE Zirkon 3D Stains must not be mixed with ceramic masses nor with the Glaze and Glaze Plus glaze masses.*
 - *To reduce the colour intensity of the 3D Stains, they can also be mixed with the 3D Base Glaze glaze mass.*
 - *ICE Zirkon 3D Stains can also be directly incorporated into the 3D Base Glaze glaze mass (All-in-one technique) or applied without glaze mass in the conventional way. It is possible to conduct a basic glaze firing before the stain firing or a final glaze firing after the stain firing.*
 - *Colouring using the All-in-one technique: first, apply a thin layer of 3D Base Glaze glaze mass; then, paint the ICE Zirkon 3D Stains onto the glaze.*
3. *Let the applied mass dry well before firing (depending on size of the work approx. 6–12 minutes).*



TIP

Due to their ceramic basis, ICE Zirkon 3D Stains dry out quickly. If they are stirred with Refreshing Liquid 3D, they remain moist for longer and can be applied in a more even and beautiful way.

CAUTION!

Mix well with a spatula (not with a brush).



TIP

The best results can be obtained when stain firings are made without vacuum. In this way it is possible to reach the highest possible transparency and the glaze mass and ICE Zirkon 3D Stains can also be applied in thicker layers.





FIRED STRUCTURE BEFORE COLOURING



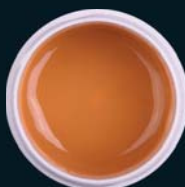
COLOURING EXAMPLE
ANTERIOR TOOTH PALATAL

01

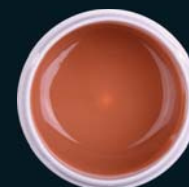




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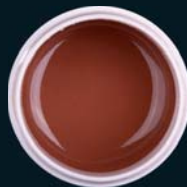
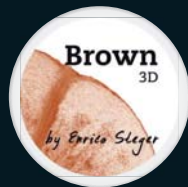


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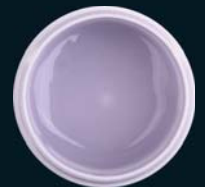




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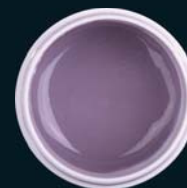




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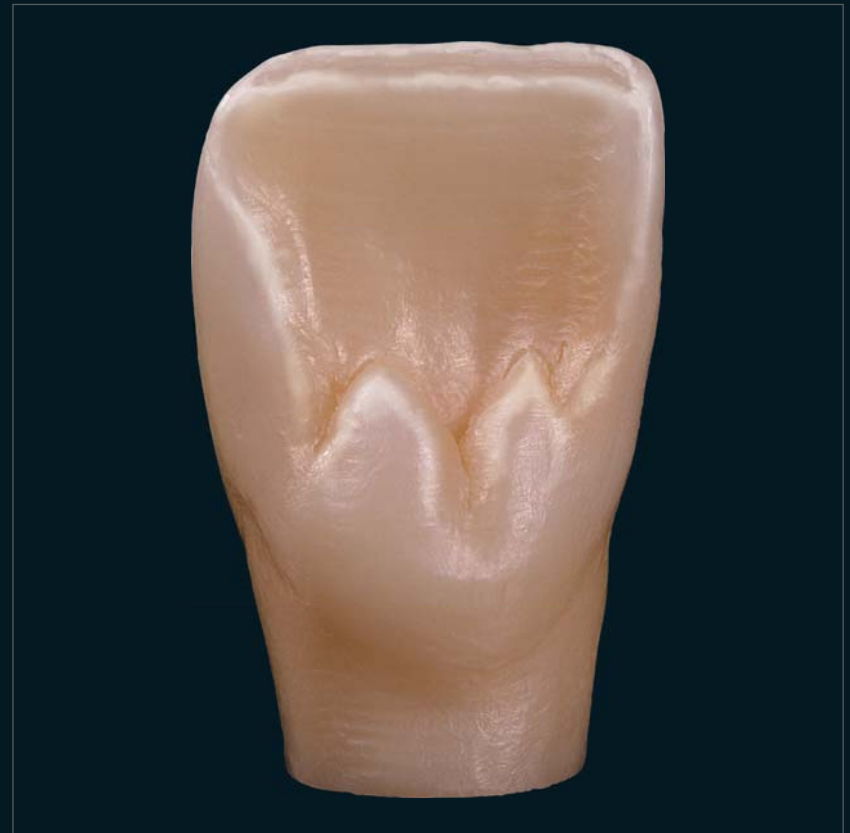
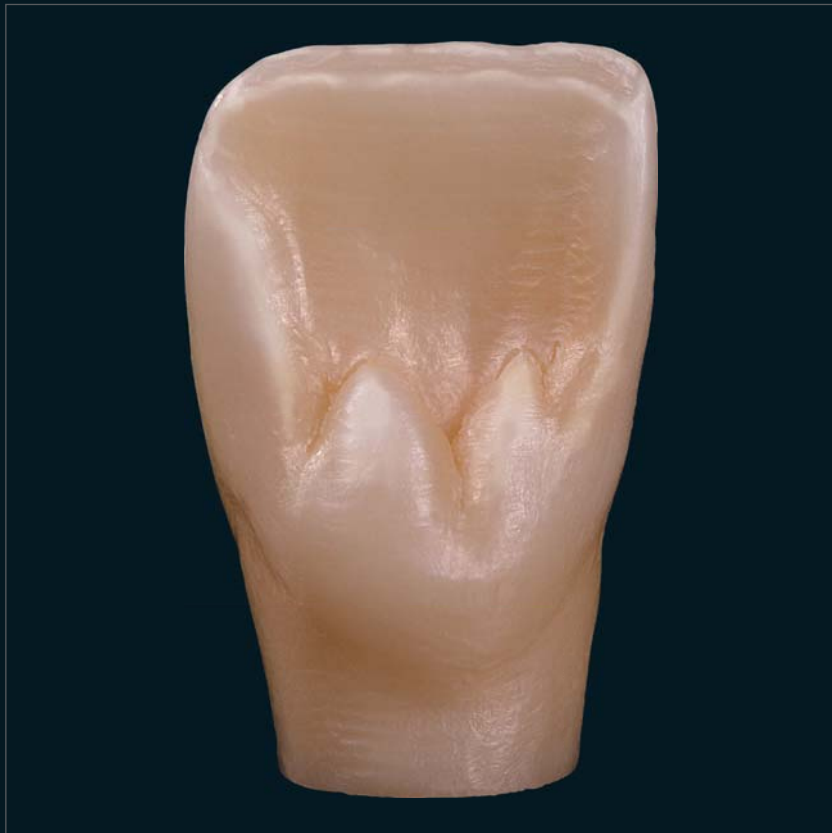


08



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BEFORE



AFTER



FIRED STRUCTURE BEFORE COLOURING



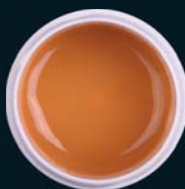
COLOURING EXAMPLE
ANTERIOR TOOTH LABIAL

01

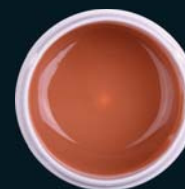




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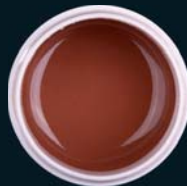


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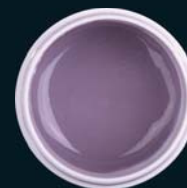




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BEFORE



AFTER

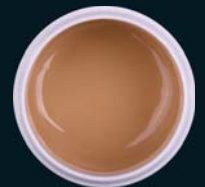


FIRED STRUCTURE BEFORE COLOURING



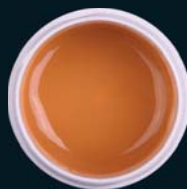
COLOURING EXAMPLE
MOLAR OCCLUSAL

01

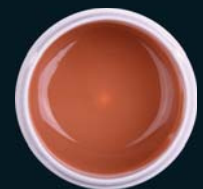




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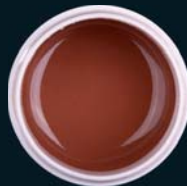


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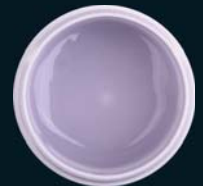




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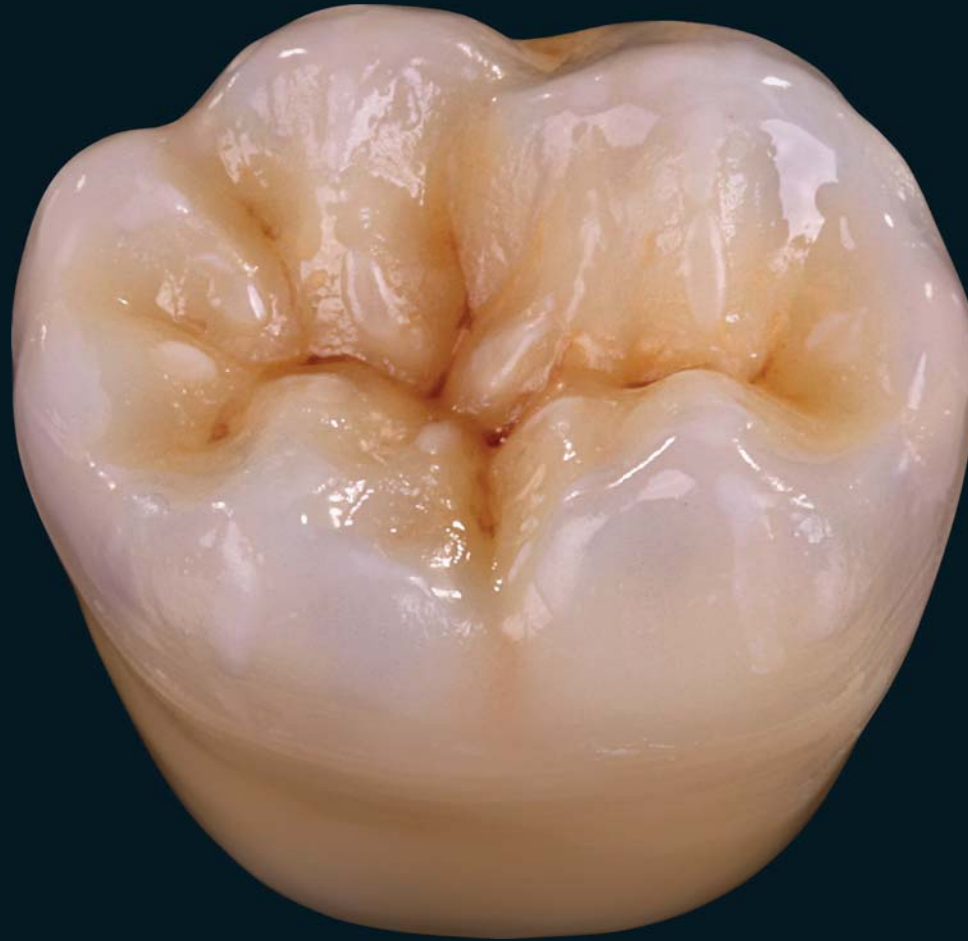


11





BEFORE



AFTER



FIRED STRUCTURE BEFORE COLOURING



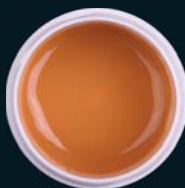
COLOURING EXAMPLE
MOLAR BUCCAL

01

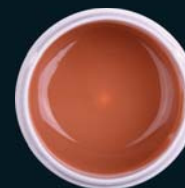




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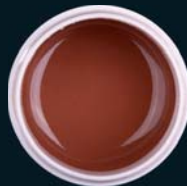


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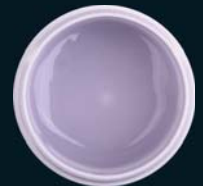




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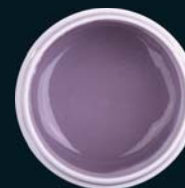




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BEFORE



AFTER





















PRODUCT OVERVIEW



Set Stains 3D by Enrico Steger

Consisting of:

18x stain colours 3D

1x glazing material

1x Refreshing Liquid 3D

1x Brush 0,

1x Brush 2

1x glass plate

Item number: MFAC2101

 *Stain Colour 3D White*

Content: 1 g

Item number: MFAC0201

 *Stain Colour 3D Beige*

Content: 1 g

Item number: MFAC0301

 *Stain Colour 3D Vanilla*

Content: 1 g

Item number: MFAC0401

 *Stain Colour 3D Orange 1*

Content: 1 g

Item number: MFAC0501



Refreshing Liquid 3D by Enrico Steger

Content: 10 ml

*For freshening up the ICE Zirconia Stain
Colours 3D by Enrico Steger*

Item number: MFAC2001

 *Stain Colour 3D Orange 2*

Content: 1 g

Item number: MFAC0601

 *Stain Colour 3D Brown*

Content: 1 g

Item number: MFAC0701

 *Stain Colour 3D Blue 1*

Content: 1 g

Item number: MFAC0801

 *Stain Colour 3D Blue 2*

Content: 1 g

Item number: MFAC0901



Stain Colour 3D LuNe

Content: 1 g

Item number: MFAC1011



Stain Colour 3D Black

Content: 1 g

Item number: MFAC1101



Stain Colour 3D Tissue 1

Content: 1 g

Item number: MFAC1201



Stain Colour 3D Tissue 2

Content: 1 g

Item number: MFAC1301



Stain Colour 3D Transpa 1

Content: 1 g

Item number: MFAC1401



Stain Colour 3D Transpa 3

Content: 1 g

Item number: MFAC1501



Stain Colour 3D Base A

Content: 1 g

Item number: MFAC1601



Stain Colour 3D Base B

Content: 1 g

Item number: MFAC1701



Stain Colour 3D Base C

Content: 1 g

Item number: MFAC1801



Stain Colour 3D Base D

Content: 1 g

Item number: MFAC1901



Glaze material 3D Base Glaze

Content: 3 g

Item number: MFAC0101



















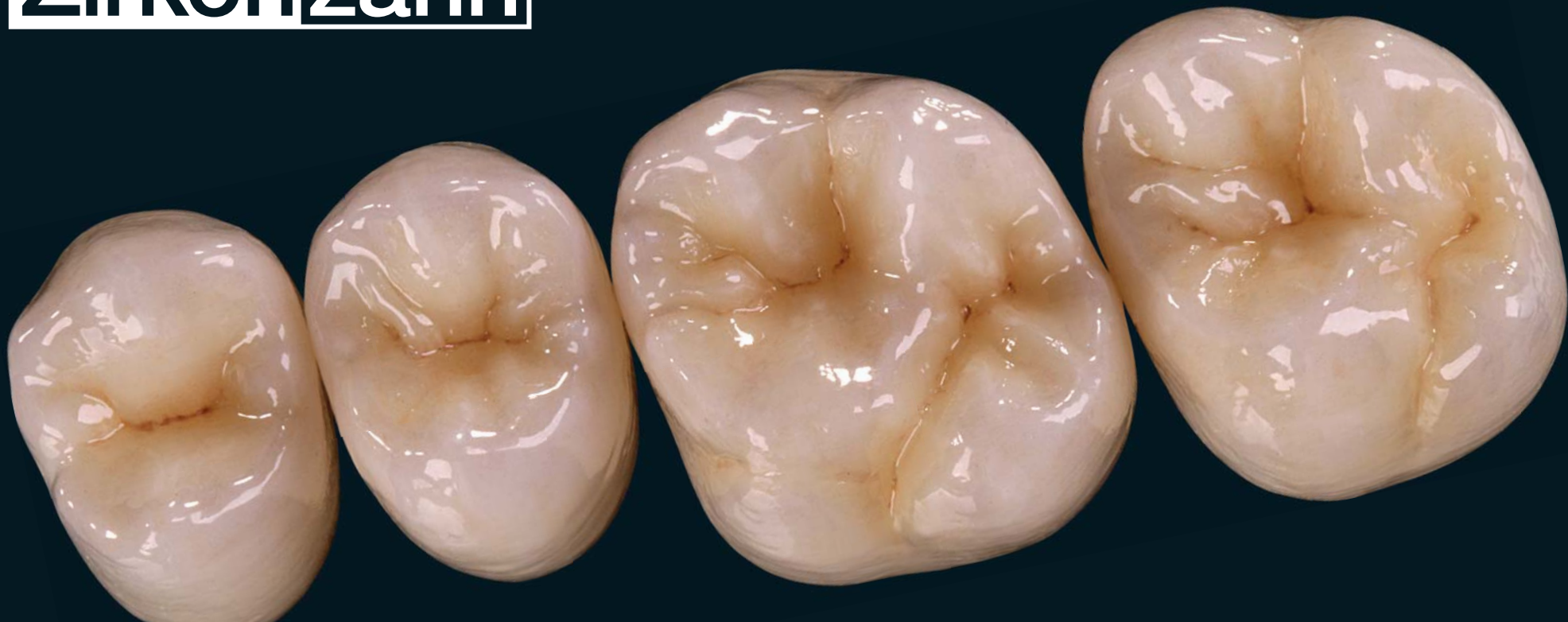








Zirkonzahn®



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ENGLISH



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All information is subject to change. Errors and omissions excepted. Version: 13/02/2017