



visio.lign

The Aesthetic and Functional System

Manual

modern art - crea.lign, visio.lign color & shield



create & colour
natural beauty

powered by
visio.lign

LIST OF MATERIALS

crea.lign Opaker | 4 g

(A1/B2) 1 P01	(A2) 2 P02	(A3) 3 P03	(B1/C1/BL3) 4 P04	(C2-C3/D2/D4) 5 P05
(B3/B4) 6 P06	(A3.5) 7 P07	(A4/C4) 8 P08	(D3) 9 P09	(Gum) GUM GUM

REF **CLFHO** ___
e.g. CLFHOP01



The light-curing crea.lign Opaker offers colour stability for freestyle layering and when using novo.lign veneers. Together with the MKZ Primer, it forms the basis for optimal bonding with metallic and ceramic framework materials and therefore for long-lasting prosthetic restorations without marginal gaps. All shades of the classic A-D system are covered by just 9 opaques. The special GUM opaquer is suitable for all GUM shades.

crea.lign | Dentin Gel, 5 g

BL3 BL3	A1 A10	A2 A20	A3 A30	A3.5 A35	A4 A40	B1 B10	B2 B20	B3 B30
B4 B40	C1 C10	C2 C20	C3 C30	C4 C40	D2 D20	D3 D30	D4 D40	

REF **CLFND** ___
e.g. CLFNDBL3



The crea.lign Gel Dentin composites are available in the classic A-D dentine colours and bleach BL3.

crea.lign OD | Opaque Dentin Gel, 5 g

(A3 / A3.5)* A ... A335	(B3)* B ... B3	(C3)* C ... C3
(D3)* D ... D3	Bleach (A1 / B1)* BL ... BLAB1	

REF **CLFNOPD...**
e.g. CLFNOPDA335



*crea.lign OD colour assignment table → see page 5

The crea.lign Opaque Dentin composites bring chroma and depth effects to composite veneers with low wall thicknesses. With composites OD A to OD D and OD bleach, the most common colours are covered.

crea.lign HT | High Translucent Gel, 5 g

(A1 / A2)** HT1 ... 01	(A2 / A3)** HT2 ... 02	(A3 / A3.5)** HT3 ... 03
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REF **CLFNHT...**
e.g. CLFNHT01



**crea.lign HT colour assignment table → see page 5

The crea.lign HT composites are chromatically attenuated dentin compounds with very high translucency. They provide a natural transition from the dentin to enamel area and are available in the variants HT1, HT2 and HT3.

Veneering material (dentine)

- crea.lign Opaker 
- crea.lign Dentin Gel 
- crea.lign OD Opaque Dentin Gel 
- crea.lign HT High Translucent Gel 

Colour customization

- visio.lign color 
- visio.lign shield 

visio.lign color | 2.6 ml



REF VLCOL ...
e.g. VLCOLBODYA

visio.lign color are light-cured composite paints with which colour effects on the surface of a veneer can be achieved very easily. The chroma of a veneer can be optimally adapted with the colours Body A-D. Furthermore, there is a wide range of paints available for efficient surface characterisation.

 Body A ... BODYA	 White ... WHITE	 Blue ... BLUE	 GUM Pink ... GPINK
 Body B ... BODYB	 Orange ... ORANGE	 Yellow ... YELLOW	 GUM Red ... GREED
 Body C ... BODYC	 Black ... BLACK	 Brown ... BROWN	 GUM Light ... GLIGHT
 Body D ... BODYD	 Rose ... ROSE	 Olive ... OLIVE	
	 Grey-Blue ... GREYBL	 Creme ... CREME	

visio.lign shield | 5 ml



LV – Low Viscosity

REF VLSHIELDLV5



HV – High Viscosity

REF VLSHIELDHV5

The new visio.lign shield glass varnish for composite, PMMA and BioHPP allows you to create optimal surface gloss and protection. A surface finished with visio.lign shield gloss varnish acts as an abrasion-resistant protective shield that won't discolour. Available in two viscosity variants – fluid LV and viscous HV.

1. Layering instructions

crea.lign OD Opaque Dentin and crea.lign HT High Translucent



Sandblast the metal framework at a pressure of 3 to 4 bar using 110 µm aluminium oxide.

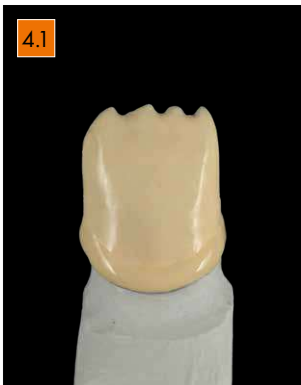
Do not steam clean, or blast with compressed air. Then apply the MKZ primer for metal frameworks.



First apply a layer of crea.lign Opaker A3 and polymerise for 180 seconds.



Second apply a layer of crea.lign Opaker A3 and polymerise for 180 seconds.



crea.lign OD A

Application of crea.lign Opaque Dentin A in the marked area of the tooth neck. Then cure with the bre.Lux LightPen for 10 seconds.



crea.lign OD A
crea.lign A2


Apply crea.lign Opaque Dentin A in the marked area. Then apply crea.lign Dentin A2 so that the crea.lign Opaque Dentin is covered. Polymerise for 180 seconds.




crea.lign HT 1
crea.lign HT 3

Apply crea.lign HT1 to the left and right of the incisal area. Apply crea.lign HT 3 generously in the marked area to cover the crea.lign Dentin A2 and to obtain an optimal transition from the incisal area to tooth body. Polymerise for 180 seconds.

2. Comparison: edge finish on metal



**crea.lign Opaker with
crea.lign OD Opaque Dentin**

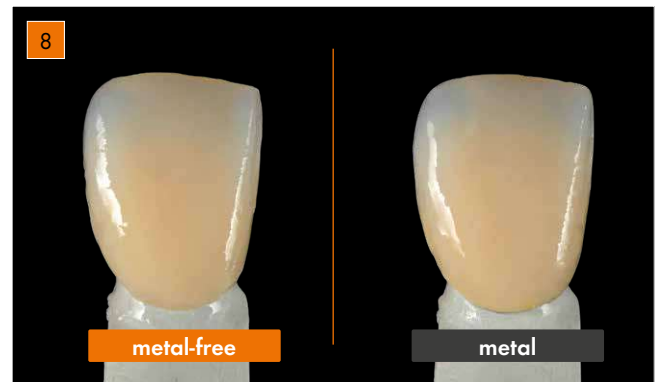


**crea.lign Opaker without
crea.lign OD Opaque Dentin**

In combination with crea.lign Opaker, the crea.lign OD Opaque Dentin composites achieve an optimal edge finish on metal frameworks, as the masses lie smoothly over the edge, meaning there is no black edge visible on the metal framework.



Metal-free crown versus metal crown.



Apply the crea.lign C.G.S. Finish incisal gel to complete the shape. Final polymerisation for 360 seconds.



Then apply visio.lign shield LV gloss varnish and polymerise for 180 seconds to create an optimal result with surface gloss and protection.

Please observe the notes on polymerisation, cleaning & polishing. → see page 7

COLOUR ASSIGNMENT TABLE

crea.lign OD	Classic shades A-D
crea.lign Opaque Dentin OD A	A3 / A3.5
crea.lign Opaque Dentin OD B	B3
crea.lign Opaque Dentin OD C	C3
crea.lign Opaque Dentin OD D	D3
crea.lign Opaque Dentin OD BL	A1 / B1

crea.lign HT	Classic shades A-D
crea.lign High Translucent HT1	A1 / A2
crea.lign High Translucent HT2	A2 / A3
crea.lign High Translucent HT3	A3 / A3.5

crea.lign OD – Classic shades A2, B2, C2 und D2
Shades A2, B2, C2 and D2 can be produced with the following mixing ratios:
A2: 80% crea.lign OD A + 20% crea.lign OD BL
B2: 40% crea.lign OD B + 60% crea.lign OD BL
C2: 50% crea.lign OD C + 40% crea.lign OD D + 10% crea.lign OD BL
D2: 80% crea.lign OD D + 20% crea.lign OD BL



3. Customisation

visio.lign color layering & visio.lign shield sealing



Sandblast the composite surface with 1.5 to 2 bar pressure and 110 µm aluminium oxide. **Do not steam clean**, or blast with compressed air.



visio.lign color Body A
1st layer

Apply visio.lign color Body A as shown in the image and polymerise with bre.Lux LightPen for 10 seconds.



visio.lign color Body A
2nd layer

Apply a second layer visio.lign color Body A as shown in the image and polymerise with the bre.Lux LightPen for 10 seconds.



visio.lign color Brown

Apply visio.lign color Brown to the marked areas. Quickly polymerize with the bre.Lux LightPen for 10 seconds.



visio.lign color Grey-Blue
1st layer

Apply visio.lign color Grey-Blue to the marked areas. Quickly polymerize with the bre.Lux LightPen for 10 seconds.



visio.lign color Grey-Blue
2nd layer

Apply visio.lign color Grey-Blue to the marked areas. Quickly polymerize with the bre.Lux LightPen for 10 seconds.

GENERAL NOTES on crea.lign OD & HT and visio.lign color & shield



Polymerisation

Polymerisation takes place for 180 seconds in a light-curing device that covers a wavelength range of 370–500 nm, e.g. bre.Lux PowerUnit 2. The final polymerisation should take 360 seconds.

Cleaning

After final polymerisation, the object must always be cleaned with a suitable cleaner, e.g. crea.lign surface cleaner REF 43000600, to remove the inhibition layer.

Surface finishing

If an even stronger surface gloss is desired, the object can be polished with a cotton or leather buff and Abraso Starglanz high-lustre polishing paste (REF 52000163) on the handpiece.



visio.lign shield



visio.lign color Creme
1st layer



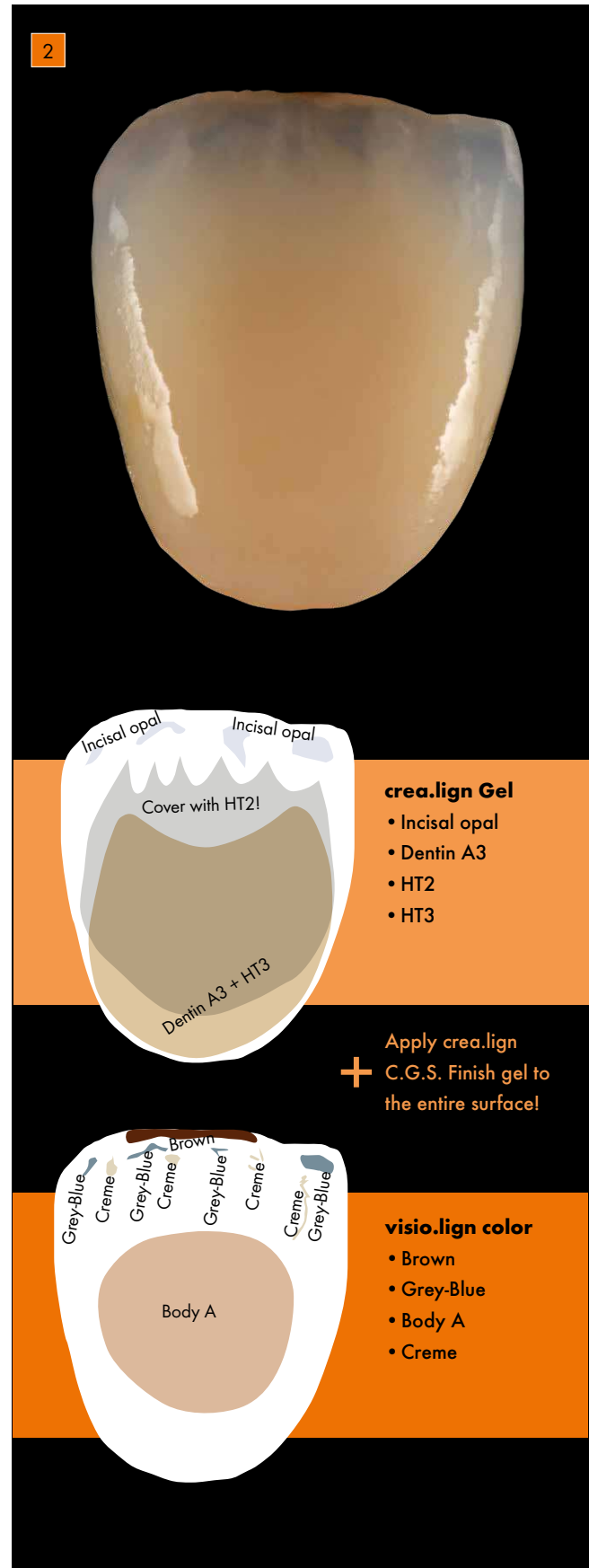
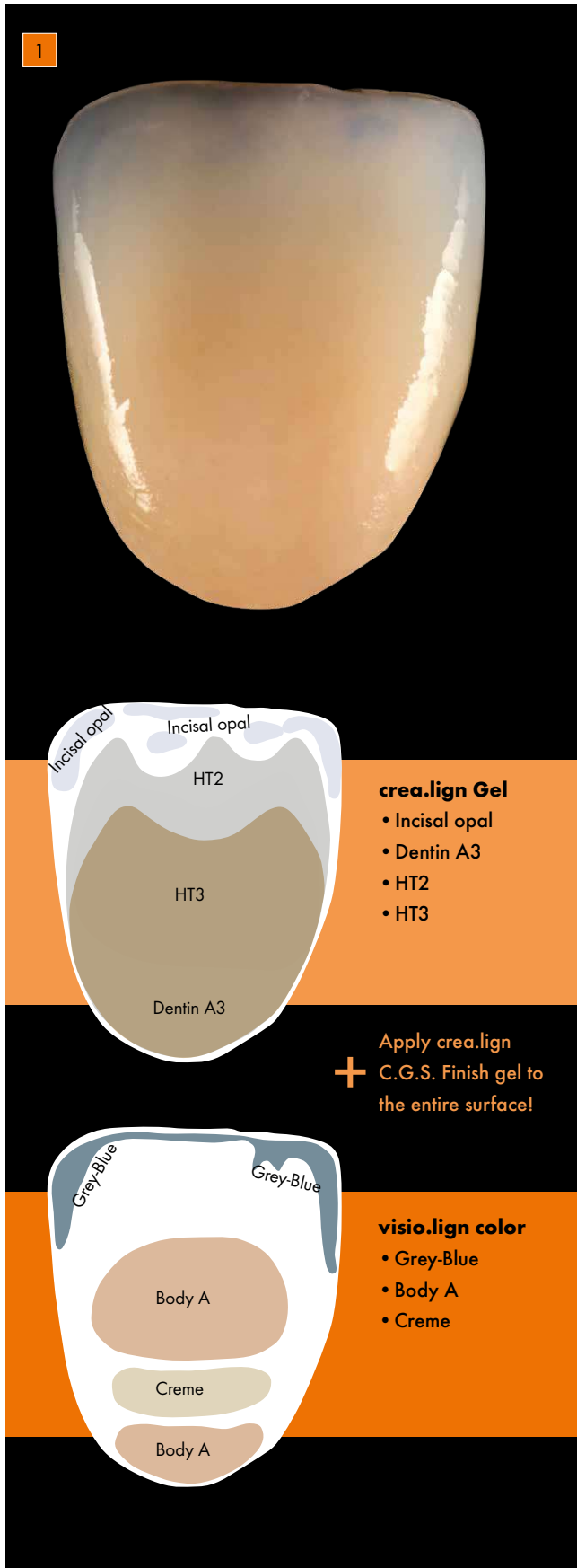
visio.lign color Creme
2nd layer

Sealing with visio.lign shield LV or HV. The gloss is applied to the entire tooth surface and then subjected to final polymerisation for 180 seconds in a suitable polymerisation device.

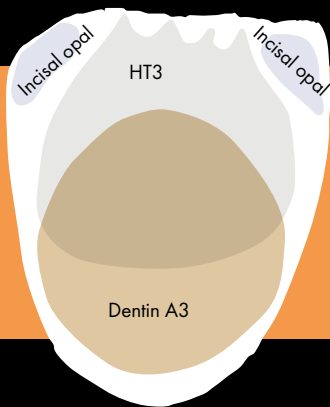
Apply visio.lign color Creme to the marked areas. Quickly polymerize with the bre.Lux LightPen for 10 seconds.

Apply visio.lign color Creme to the marked areas. Quickly polymerize with the bre.Lux LightPen for 10 seconds.

4. The four life stages of a natural tooth



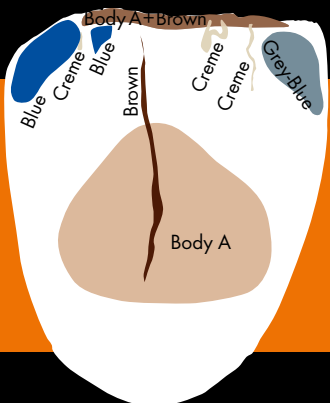
3



crea.lign Gel

- Incisal opal
- Dentin A3
- HT3

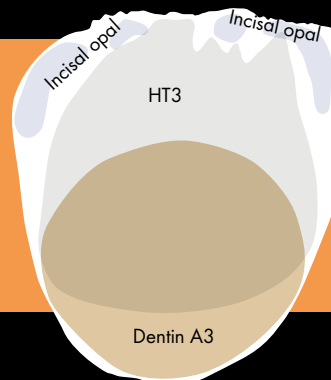
+ Apply crea.lign C.G.S. Finish gel to the entire surface!



visio.lign color

- Brown
- Blue
- Grey-Blue
- Body A
- Creme

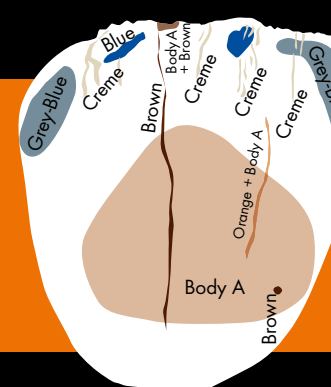
4



crea.lign Gel

- Incisal opal
- Dentin A3
- HT3

+ Apply crea.lign C.G.S. Finish gel to the entire surface!



visio.lign color

- Brown
- Blue
- Grey-Blue
- Body A
- Orange
- Creme

An abstract painting with vibrant, expressive brushstrokes in shades of blue, green, yellow, orange, pink, and black. The composition is dynamic and layered, with some areas appearing more saturated than others.

modern art

André Kessler



The philosophy

"In the past, dental technicians were often forced to go down very complicated paths if they wanted to preserve aesthetics and function. To achieve the desired result, they often had to search for alternative materials and deviate from the specified protocols. Thanks to ongoing research, the materials are becoming more and more sophisticated and allow us to achieve excellent aesthetic and, in particular, biofunctional results. Reliable protocols and materials, like those that make up the modern art system, are essential for ensuring an optimal result with minimal effort. The world of dental technology is constantly changing. This is making it easier for us in many aspects and at the same time fascinating."

- DT Andrea Foschi -

DT Andrea Foschi was born in Ravenna on 26 March 1976. He graduated from Villaggio del Fanciullo in Bologna in 1997 and was already the owner of a dental laboratory in 1998.

He developed a passion for metallurgy by attending courses at Wieland and Ivoclar. He also started his training in aesthetics by attending Michel Magne's master's course in aesthetics.

The art of photography had always been another passion of his. Andrea Foschi also brings this dedication and knowledge to the field of dental technology.

In 2004, he started to focus his attention on metal-free materials, including zirconium and disilicate. In 2008, he recognised the importance of gnathology, drawing on the philosophy of Prof. R. Slavicek. He attended the basic and advanced courses for gnathology run by Dr. Giuseppe Cuman as well as Claudio Nannini's modelling course – he still applies the methods he learned there in his day-to-day work. He attended further courses with internationally renowned speakers such as Roberto Bonfiglioli and Gerald Ubassy.

Mr. Foschi is the creator and developer of the C.G.S. (Customised Guided System) protocol for shape-controlled layering of composites on all types of structural substrates. He has also been instrumental in the development of the modern art system and the associated materials.

He organises and teaches courses in dental photography for both dental technicians and dentists, and also teaches courses in C.G.S. coating for composite, infiltration, and zirconia staining. Andrea Foschi also teaches courses on the reproducibility of natural teeth using the new materials in the modern art system.

DT Andrea Foschi





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The Aesthetic and Functional System

layering



crea.lign

staining



visio.paint

bredent group

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