

Shade Concept®

Coloring solutions for each workflow



DDBasicShade

Färbeliquid für I Color liquid for
DD Bio Z + DD Bio ZX² + DD cubeX²

Dental
Direkt

DDArtElements

Färbeliquid für I Color liquid for
DD Bio Z + DD Bio ZX² + DD cubeX²

Dental
Direkt

DDProShadeC

Färbeliquid für I Color liquid for
DD cubeX²

Dental
Direkt

DDProShadeZ

Färbeliquid für I Color liquid for
DD Bio Z + DD Bio ZX²

Dental
Direkt

CLOSE TO YOU

20
JAHRE

Dental
Direkt

Form, size, colour

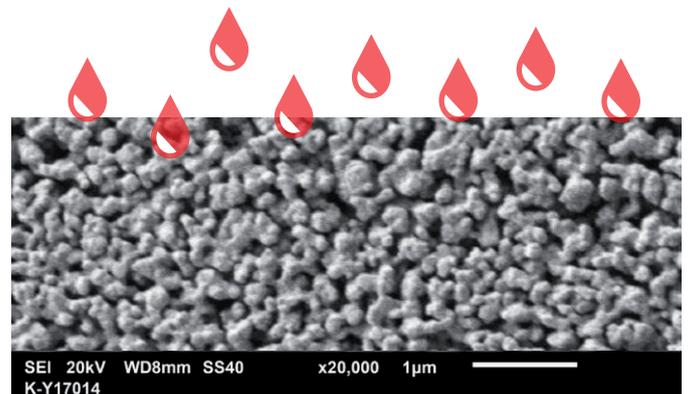
The entire aesthetics of dental prosthesis can be defined with these three criteria. It is also a question of recognising the conditions of light dynamics and implementing with a perfect product system in a reproducible manner. We are offering you three liquid-based dentine color systems plus incisals and effects that are perfectly tailored to the quality of our four zirconium types. With the "DD Shade Concept®" you are always in control of all aesthetic possibilities and all your results. Decide which system is best suited to your individual requirements.



DD Bio ZX² and DD Pro Shade Z. Cut Back. Minimal incisal layering, 2 firings. Expenditure of time/individualisation 30 min.

Product system from a single source

Laboratory-specific processing parameters such as sintering temperature or introduced liquid quantity can have an impact on the intensity, translucency and chroma of your works. Therefore, during development we placed special focus on the "robustness" of our color and zirconium system. The coordination and optimisation of both components has never before been so perfect.



REM pre-sintered structure

We define form, size and distribution of the porouscanals in pre-sintered blanks. This results in a specific capillary effect, which is perfect for the viscosity and infiltration of our liquid.

Color comparison of the two dentine concepts

(without incisal brightening through SO, SA, SC liquids)

DD Basic Shade



A1

A2

A3

A3,5

A4

B1

B2

B3

B4

DD Pro Shade

Multi Additive Technology®

Brilliant color effect is achieved through the introduction of selected ions of rare soils or transition metals in the zirconium matrix. If the light reaches the surface, then certain wave lengths of the light are absorbed and a portion is reflected. In the case of zirconium oxide, the color effect is created through the interaction of light with the zirconium oxide structure modified by the color additives. We describe the balanced ion formation and their homogeneous distribution in the structure as Multi Additive Technology®. External studies prove that there is no loss of flexural strength after coloring.



Ion incorporation in the grain boundaries: **Dopant 1**, **Dopant 2**, **Dopant 3**
Bridge: DD cubeX²® HS and DD Pro Shade Z, Cut Back, after sintering

Too much accumulation creates more light refraction and has a negative impact on translucency and chroma. Therefore, we perfectly adapt our color solutions to the different characteristics of our zirconia types.

“DD Art Elements” if your demand is more than the standard

With “DD Art Elements” incisal colors you are able to regulate the brightness in the incisal third. In addition to a flowing color gradient, you will achieve an increase in translucency compared to the dentine body. Our effect colors are suitable for accents with brush technique in the occlusal, incisal and cervical area or for gingiva coloring. For purposes of orientation and control, all liquids are colored with bio-pigments.



Colouring solution to be used with white Dental Direkt zirconium oxide milling blanks.

DDBasicShade

The Classic (previously DD Bio ZX² monolith zero). Optimised for the individual painting technique (stain & glaze), minimal coating (cut back) or as a framework shade for full veneering or the combination of the techniques in one job.



For DD Bio Z, DD Bio ZX², DD cubeX²® and DD cubeX²® HS

Concept	“one-for-all” color system Primary color, basis for aesthetic characterisation
Colour key	VITA® classic (Dentine)
Chroma	Higher chroma – higher grey value
Luminance	Less brightness

Dentine & Bleach

Available in 16 dentine colors according VITA® and 3 bleach colours.

color according to VITA®	order-no. 30 ml	order-no. 100 ml
0M1	LBS300M1	LBS1000M1
0M2	LBS300M2	LBS1000M2
0M3	LBS300M3	LBS1000M3
A1	LBS30A1	LBS100A1
A2	LBS30A2	LBS100A2
A3	LBS30A3	LBS100A3
A3,5	LBS30A35	LBS100A35
A4	LBS30A4	LBS100A4
B1	LBS30B1	LBS100B1
B2	LBS30B2	LBS100B2
B3	LBS30B3	LBS100B3
B4	LBS30B4	LBS100B4
C1	LBS30C1	LBS100C1
C2	LBS30C2	LBS100C2
C3	LBS30C3	LBS100C3
C4	LBS30C4	LBS100C4
D2	LBS30D2	LBS100D2
D3	LBS30D3	LBS100D3
D4	LBS30D4	LBS100D4
price (euro/net)	22,90	59,90

 Consult instructions for use.



DDProShade^Z

The “Z variants” are optimised for the individual painting technique (stain & glaze), minimal coating (cut back) or as a framework shade for full veneering or the combination of the techniques in one job.

For DD Bio Z, DD Bio ZX² and DD cubeX²® HS

DDProShade^C

The “C variants” are optimised for the high level of translucency of the DD cubeX²®. Monolithic full ceramic is possible with just glazing. A high aesthetic level and efficient work are combined into one.

For DD cubeX²®

Concept	Optimised for the material specific translucency High degree of conformity with the colour ring
Colour key	VITA® classic (Dentine)
Chroma	Less chroma – lower grey value, “more sunny”
Luminance	More brightness

Dentine & Bleach

Available in 16 dentine colors according VITA® and 3 bleach colours.

color according to VITA®	order-no. 30 ml	order-no. 100 ml
0M1	LPSZ300M1	LPSZ1000M1
0M2	LPSZ300M2	LPSZ1000M2
0M3	LPSZ300M3	LPSZ1000M3
A1	LPSZ30A1	LPSZ100A1
A2	LPSZ30A2	LPSZ100A2
A3	LPSZ30A3	LPSZ100A3
A3,5	LPSZ30A35	LPSZ100A35
A4	LPSZ30A4	LPSZ100A4
B1	LPSZ30B1	LPSZ100B1
B2	LPSZ30B2	LPSZ100B2
B3	LPSZ30B3	LPSZ100B3
B4	LPSZ30B4	LPSZ100B4
C1	LPSZ30C1	LPSZ100C1
C2	LPSZ30C2	LPSZ100C2
C3	LPSZ30C3	LPSZ100C3
C4	LPSZ30C4	LPSZ100C4
D2	LPSZ30D2	LPSZ100D2
D3	LPSZ30D3	LPSZ100D3
D4	LPSZ30D4	LPSZ100D4
price (euro/net)	22,90	59,90

Dentine & Bleach

Available in 16 dentine colors according VITA® and 3 bleach colours.

color according to VITA®	order-no. 30 ml	order-no. 100 ml
0M1	LPSC300M1	LPSC1000M1
0M2	LPSC300M2	LPSC1000M2
0M3	LPSC300M3	LPSC1000M3
A1	LPSC30A1	LPSC100A1
A2	LPSC30A2	LPSC100A2
A3	LPSC30A3	LPSC100A3
A3,5	LPSC30A35	LPSC100A35
A4	LPSC30A4	LPSC100A4
B1	LPSC30B1	LPSC100B1
B2	LPSC30B2	LPSC100B2
B3	LPSC30B3	LPSC100B3
B4	LPSC30B4	LPSC100B4
C1	LPSC30C1	LPSC100C1
C2	LPSC30C2	LPSC100C2
C3	LPSC30C3	LPSC100C3
C4	LPSC30C4	LPSC100C4
D2	LPSC30D2	LPSC100D2
D3	LPSC30D3	LPSC100D3
D4	LPSC30D4	LPSC100D4
price (euro/net)	22,90	59,90

 Consult instructions for use.

DDArtElements

universally applicable
with all DD dentine liquids
with all DD zirconium oxide types



Effect colors

Ideal for individualisation, to shade the dentine colors or purely for the characterisation of e.g. fissures, incisal areas or gingival areas.



light pink	dark pink	purple	yellow	orange	price (euro/net)
LAE30LP	LAE30DP	LAE30P	LAE30Y	LAE30O	59,90



light brown	dark brown	blue	light grey	dark grey	graphite	price (euro/net)
LAE30LB	LAE30DB	LAE30B	LAE30LG	LAE30DG	LAE30G	59,90

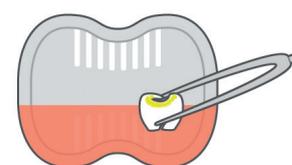
Incisal colors

For occlusal and incisal individualisation.

color	order-no. 15 ml
SA1 for painting (OM3 · A1 · A2 · B1 · B2)	LAE15SA1
SA2 for painting (A3 · A3,5 · A4 · B3 · B4)	LAE15SA2
SC1 for painting (C1 · C2 · D2)	LAE15SC1
SC2 for painting (C3 · C4 · D3 · D4)	LAE15SC2
S0 for painting (OM1 · OM2) for dipping (all dentine colours)	LAE15S0
price (euro/net)	14,90

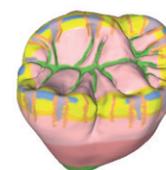
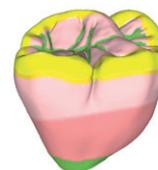
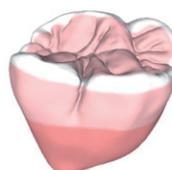
Incisal SO

optimised for efficient dipping technique.



Incisal SA/SC

optimised for individual brush technique.



Vario

To brighten the dentine colors.

article	order-no. 30 ml
Variation liquid	LAE30V
price (euro/net)	22,90

Colouring solution to be used with white Dental Direkt zirconium oxide milling blanks.

Consult instructions for use.

Shade Concept®-Sets



Coloring sets

Coloring sets	order-no.	content	price (euro/net)
DD Basic Shade-Set	LBS001	16 dentine colors A1 – D4 á 30 ml 5 incisal colors SA1 – SO á 15 ml + 40 applicators	349,00
DD Pro Shade C-Set (ideal for DD cubeX²®)	LPSC001	16 dentine colors A1 – D4 á 30 ml 5 incisal colors SA1 – SO á 15 ml + 40 applicators	349,00
DD Pro Shade Z-Set (ideal for DD Bio Z and DD Bio ZX²)	LPSZ001	16 dentine colors A1 – D4 á 30 ml 5 incisal colors SA1 – SO á 15 ml + 40 applicators	349,00
DD Art Elements-Set	LAE001	5 incisal colors á 15 ml 11 effect colors á 30 ml 1 vario liquid á 30 ml + 40 applicators	599,00

 Consult instructions for use.

“I do not regret having spent so much time on the studies of the rules of colors. In doing so, I gained foothold in a culture, which would have been difficult to do from another side.”

Johann Wolfgang von Goethe



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Coloring solutions for each workflow