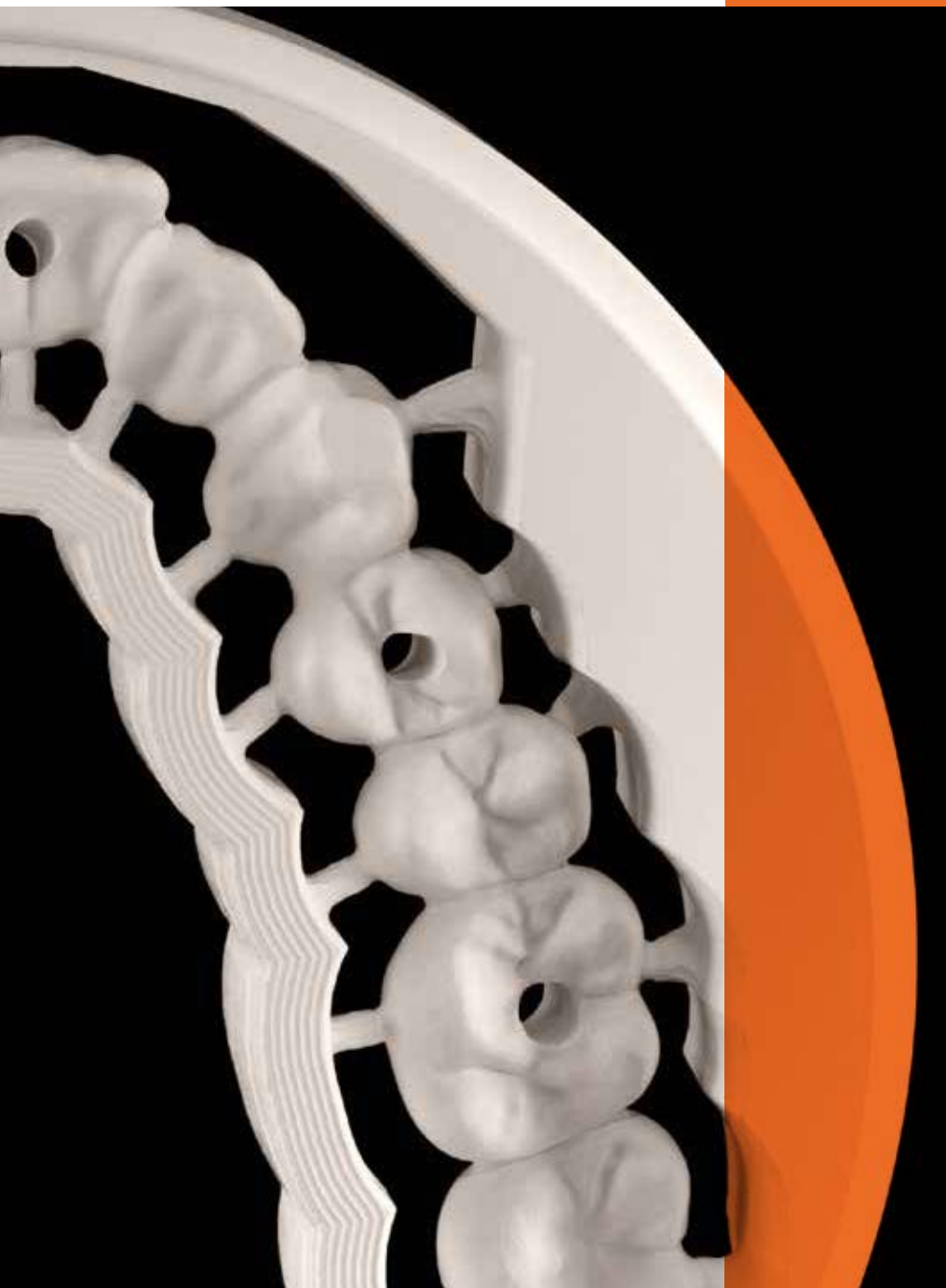
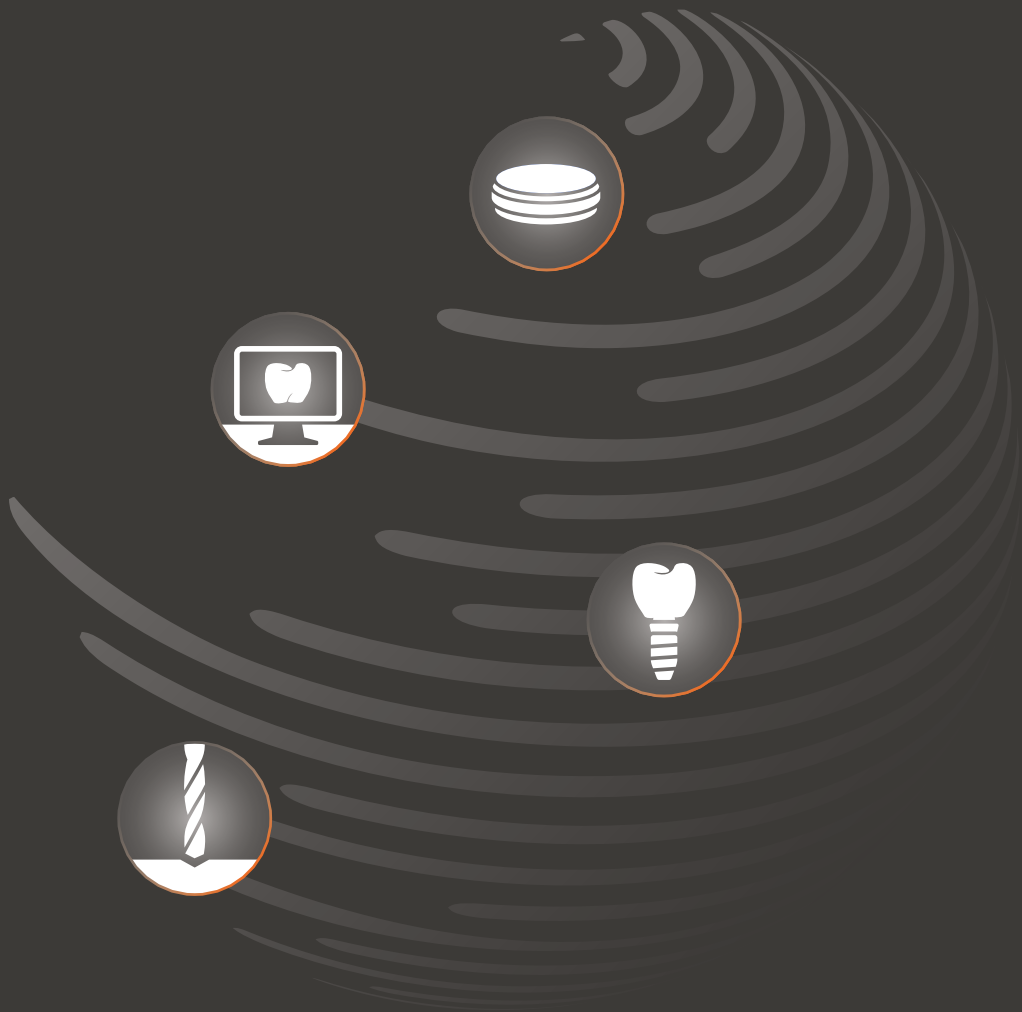




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High Performance Ceramics



The raw materials

For us, it is a matter of course that only materials with the best properties come into consideration for dental products. The biocompatibility is the ultimate priority, in the selection of raw materials. Moreover only a high-purity, nanoscale ZrO₂ is suitable for medical use. To ensure reproducible batch stability, the raw material must indicate an extremely homogenous grain size distribution.

Chemical composition [wt.%]

	DD cubeX ² ® (ML) 5Y-TZP	DD cubeY® HL 5Y-TZP + 3Y-TZP	Nacera® Pearl Natural 5Y-TZP + 3Y-TZP	DD cube ONE® (ML) 4Y-TZP	DD Bio ZX ² (color) 3Y-TZP-LA	DD Bio ZW iso (color) 3Y-TZP-A
ZrO ₂ + HfO ₂ + Y ₂ O ₃	≥ 99,0	≥ 99,0	≥ 99,0	≥ 99,0	≥ 99,0	≥ 99,0
Y ₂ O ₃	≤ 10	< 9	< 9	< 8	< 6	< 6
Al ₂ O ₃	≤ 0,01	≤ 0,1	≤ 0,1	< 0,15	≤ 0,15	< 0,5
Other oxides	< 1	≤ 1	< 1	< 1	< 1	< 1

	DD cubeX ² ® ML 5Y-TZP	DD cubeY® HL 5Y-TZP + 3Y-TZP	Nacera® Pearl Natural 5Y-TZP + 3Y-TZP	DD cube ONE® ML 4Y-TZP	DD Bio ZX ² color 3Y-TZP-LA	Bio ZW iso color 3Y-TZP-A
Color method Industrial precolored blanks	Multi Additive Technology®	Multi Additive Technology®	–	Multi Additive Technology®	Multi Additive Technology®	Multi Additive Technology®
Additive	Fe ₂ O ₃ Er ₂ O ₃ MnO ₂	Fe ₂ O ₃ Er ₂ O ₃ MnO ₂	Fe ₂ O ₃ Er ₂ O ₃ MnO ₂	Fe ₂ O ₃ Er ₂ O ₃ Co ₃ O ₄	Fe ₂ O ₃ Er ₂ O ₃ MnO ₂	Fe ₂ O ₃ Er ₂ O ₃ MnO ₂
Colors	in 16 VITA® shades + 1 Bleach shade	in 16 VITA® shades + 3 Bleach shades	in 16 VITA® shades + 3 Bleach shades	in 16 VITA® shades + 1 Bleach shade	in 16 VITA® shades	in 8 VITA® shades

Multi Additive Technology®— more than just color

We achieve brilliant color effects by adding selected ions of rare soils or transition metals into the zirconium matrix. Our balanced ion formulation and the homogeneous distribution in the zirconia structure is what we call Multi Additive Technology®. It is the key to excellent optical characteristics.

By means of our Multi Additive Technology colored blanks show a natural chroma based on the definition in the VITA classical® color scale.



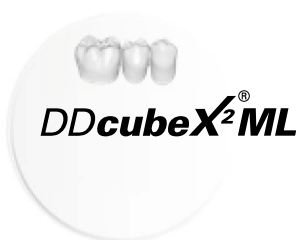
All zirconia you need

	Super High Translucent (5Y-TZP)	Super High Translucent (5Y-TZP) High Translucent (3Y-TZP)	Super High Translucent (5Y-TZP) High Translucent (3Y-TZP)	High Translucent Plus (4Y-TZP)	High Translucent (3Y-TZP-LA)	High Strength (3Y-TZP-A)
HYBRID LAYER		DDcubeY^{HL} 16 VITA® + 3 Bleach shades	Nacera® Pearl Natural 16 VITA® + 3 Bleach shades			
MULTI LAYER	DDcubeX²ML 16 VITA® + 1 Bleach shade			DDcubeONE^{ML} 16 VITA® + 1 Bleach shade		
MONO CHROME					DDBioZX²color 16 VITA® shades	DDBioZWiso color 8 VITA® shades
WHITE	DDcubeX²			DDcubeONE[®]	DDBioZX²	DDBioZWiso
Coloring Liquids	DD Basic Shade DD Pro Shade C DD Art Elements	DD Art Elements*	DD Art Elements*	DD Basic Shade DD Pro Shade Z DD Art Elements DD Incisal X**	DD Basic Shade DD Pro Shade Z DD Art Elements DD Incisal X**	DD Basic Shade DD Pro Shade Z DD Art Elements

* with exception DD Art Elements “purple”

** only in combination with DD cube ONE® ML and DD Bio ZX² color

Aesthetics overview

Generation	Multilayer	Hybrid-Multilayer	Hybrid-Multilayer	Multilayer	Monochrome	Monochrome
	16 VITA® + 1 Bleach shade	16 VITA® + 3 Bleach shades	16 VITA® + 3 Bleach shades	16 VITA® + 1 Bleach shade	16 VITA® shades	8 VITA® shades
	type II, class 4, ≤ 3 units	type II, class 5, ≥ 4 units	type II, class 5, ≥ 4 units	type II, class 5, ≥ 4 units	type II, class 5, ≥ 4 units	type II, class 5, ≥ 4 units
Strength						
	700 (±100) MPa*	> 800 MPa* ¹ 1.050 (±150) MPa* ²	> 800 MPa* ¹ 1.050 (±150) MPa* ²	1.200 (±150) MPa*	1.150 (±150) MPa*	1.150 (±200) MPa*
Translucency						
	Super High Translucent (5Y-TZP)	Super High Translucent (5Y-TZP) High Translucent (3Y-TZP)	Super High Translucent (5Y-TZP) High Translucent (3Y-TZP)	High Translucent Plus (4Y-TZP)	High Translucent (3Y-TZP-LA)	High Strength (3Y-TZP-A)
Masking	slight stump discoloration 	medium stump discoloration 				strong stump discoloration 
	aesthetic-line yellow-warm	aesthetic-line yellow-warm	aesthetic-line blue-cold	aesthetic-line yellow-warm	aesthetic-line yellow-warm	aesthetic-line yellow-warm
						
Aesthetics						
Processing	automated					manual

*measured according to DIN EN ISO 6872
¹ measured in incisal layer
² measured in body layer

Indication overview

		veneers	inlays/ onlays	anatomically reduced crown	fully anatomical (monolithic) crown anterior tooth	fully anatomical (monolithic) crown posterior tooth	Hybrid abutment crown	fully anatomical (monolithic) bridge (up to 3 units)	fully anatomical (monolithic) bridge	anatomically reduced bridge (up to 3 units)	anatomically reduced bridge	Hybrid- abutment
												
TRANSLUCENCY	DDcubeX ² DDcubeX ² ML											
	DDcubeY ^{HL}											
	Nacera [®] Pearl Natural											
	DDcubeONE [®] DDcubeONE [®] ML											
	DDBioZX ² DDBioZX ² color											
STRENGTH	DDBioZWiso DDBioZWiso color											

*An individual selection of the appropriate material is necessary to ensure the best possible restoration.

Indication guide_DD medical zirconia_Rev.09_2025/01

Influence on the final shade of a fixed restoration

When choosing a zirconia material for a specific clinical case several aspects should be considered, because the individual patients conditions might offer very different preconditions.

An important factor is the shade of the prepared tooth. If there is no serious deviation from the desired final shade of the fixed restoration, a super high translucent zirconia (DD cubeX²®) might be the material of choice.

The quantity of substance removal by preparation can be significant as well, as it affects the wall thickness of the restoration.

There is a direct context between the underlying tooth structure, the wall thickness and the resulting shade effect of the restoration.

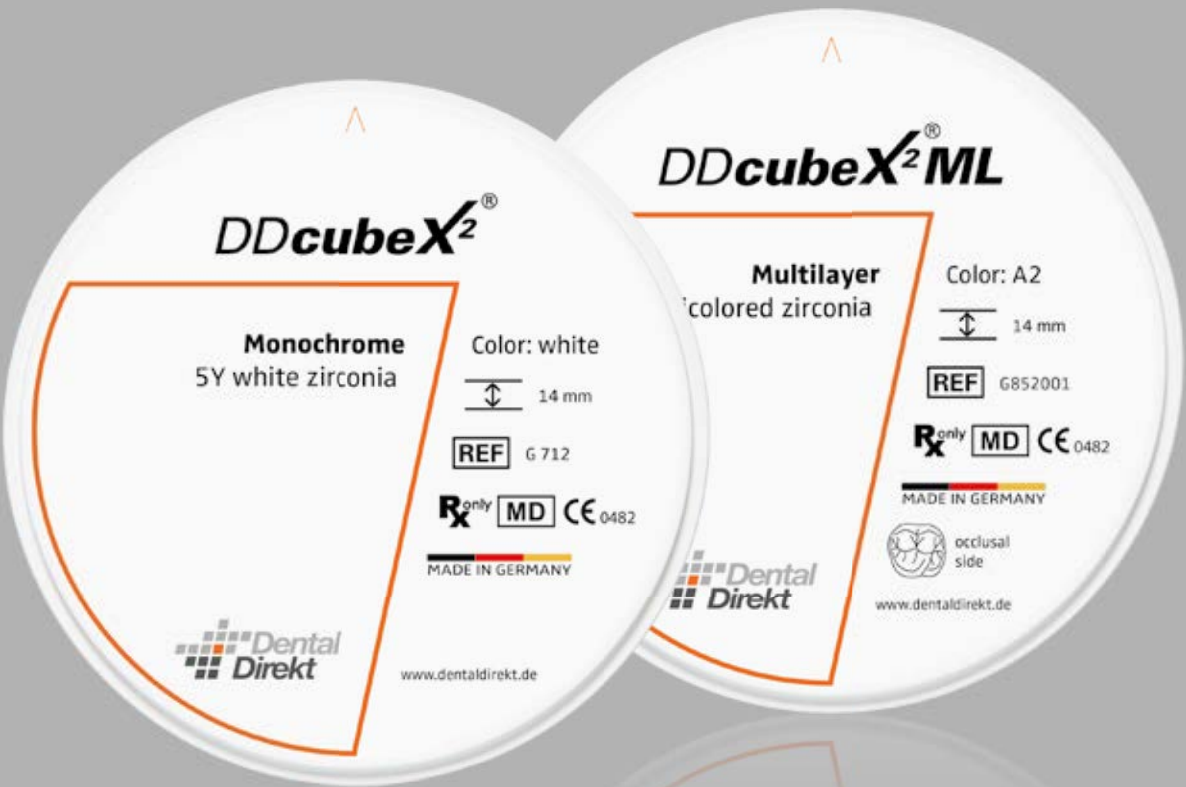
In case of a significantly discolored stump and preparation with low substance removal a more opaque zirconia (DD Bio ZX², DD Bio ZW iso) could be used to cover up the underlying structure.

Especially when working with a high translucent plus (DD cube ONE®) or super high translucent (DD cubeX²®) zirconia material also the cement has to be well-chosen, taking its level of opacity and shade into consideration. Opaque or colored cementation materials might change the final shade of a restoration.



You find our cementation guide on www.dentaldirekt.de/en/downloads

DDcubeX²®



DDcubeX²®
Monochrome – 5Y white zirconia

Super High Translucent (5Y-TZP)



DD cubeX²® is suitable for highly aesthetic restorations with up to three units. The high light transmission due to the increased proportion of the cubic phase in the cubic-tetragonal mixed structure and the stable mechanical properties are perfectly balanced. In combination with the DD Shade Concept® staining liquids, 16 VITA® shades and 3 Bleach shades can be precisely realized.

Benefits

- More stable than lithium disilicate with comparable aesthetics
- Our favorite for the anterior region
- Aesthetic finish with minimal effort



Technical data	
Type	5Y-TZP
Indication ISO 6872	Type II, class 4 – max. 3 unit bridges
Color	white
Aesthetics	Super High Translucent
Sintering temperature	1.450 °C
Flexural strength	700 (±100) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Pro Shade C DD Basic Shade DD Art Elements
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

Measure	Order-no.	Price (Euro/net)
98.5 x 10 mm	G 710	164,00
98.5 x 12 mm	G 711	174,00
98.5 x 14 mm	G 712	185,00
98.5 x 16 mm	G 713	215,00
98.5 x 18 mm	G 714	226,00
98.5 x 20 mm	G 715	246,00
98.5 x 25 mm	G 716	287,00

Consult instructions for use.
Not all products are available in every country.

DDcubeX²ML

Multilayer – 5Y multicolored zirconia

Super High Translucent (5Y-TZP)

MULTI
LAYER

16 VITA®
+ 1 Bleach
shade

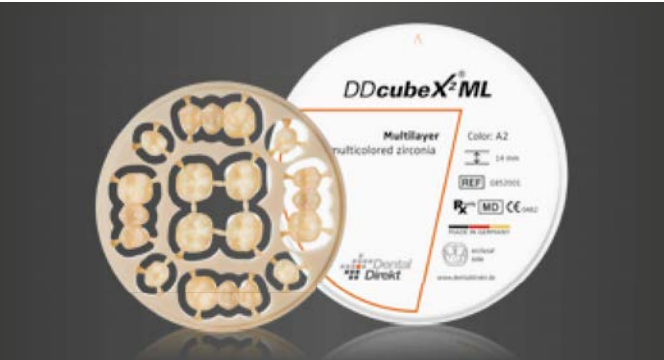
TRANS-
LUCENCY

STRENGTH

DD cubeX²® ML is suitable for highly aesthetic restorations with up to three units. The high light transmission due to the increased proportion of the cubic phase in the cubic-tetragonal mixed structure and the stable mechanical properties are perfectly balanced. The integrated color gradient enables the efficient fabrication of restorations with a natural appearance.

Benefits

- More stable than lithium disilicate with comparable aesthetics
- Our favorite for the anterior region
- Incisal layer and dentine layer + 2 intermediate layers = natural color gradient
- Aesthetic finish with minimal effort



Technical data	
Type	5Y-TZP
Indication ISO 6872	Type II, class 4 – max. 3 unit bridges
Color	Precolored acc. to VITA®
Aesthetics	Super High Translucent
Sintering temperature	1.450 °C
Flexural strength	700 (±100) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
Multi Additive Technology®	Reliable reproduction of color via industrial coloring
DD Coloring liquids	DD Art Elements
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

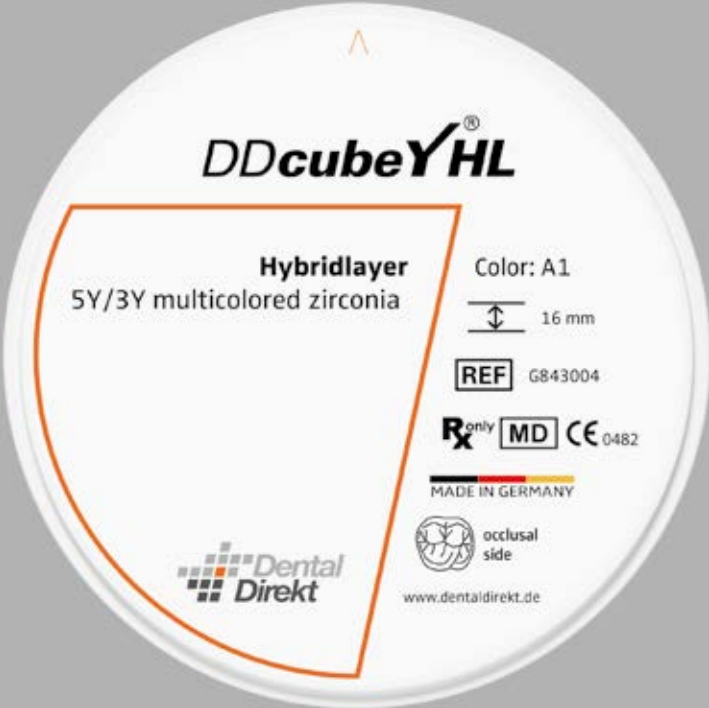
Measure	Bleach	A1	A2	A3	A3.5	A4	Price (Euro/net)
98.5 x 14 mm	G852017	G852007	G852001	G852002	G852003	G852009	195,00
98.5 x 18 mm	G854017	G854007	G854001	G854002	G854003	G854009	236,00
98.5 x 22 mm	G856017	G856007	G856001	G856002	G856003	G856009	287,00

Measure	B1	B2	B3	B4	Price (Euro/net)
98.5 x 14 mm	G852008	G852004	G852010	G852011	195,00
98.5 x 18 mm	G854008	G854004	G854010	G854011	236,00
98.5 x 22 mm	G856008	G856004	G856010	G856011	287,00

Measure	C1	C2	C3	C4	Price (Euro/net)
98.5 x 14 mm	G852012	G852005	G852013	G852014	195,00
98.5 x 18 mm	G854012	G854005	G854013	G854014	236,00
98.5 x 22 mm	G856012	G856005	G856013	G856014	287,00

Measure	D2	D3	D4	Price (Euro/net)
98.5 x 14 mm	G852015	G852006	G852016	195,00
98.5 x 18 mm	G854015	G854006	G854016	236,00
98.5 x 22 mm	G856015	G856006	G856016	287,00

DDcubeY[®]HL



DDcubeY[®]HL
Hybridlayer – 5Y/3Y multicolored zirconia

Super High Translucent (5Y-TZP)
High Translucent (3Y-TZP)

HYBRID
LAYER

16 VITA[®]
+ 3 Bleach
shades

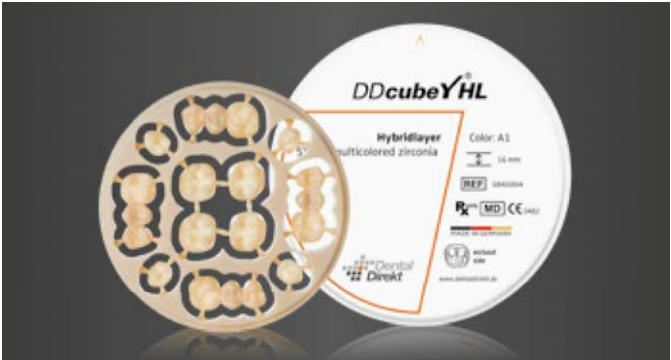
TRANS-
LUCENCY

STRENGTH

DD cubeY[®] HL is suitable for the fabrication of highly aesthetic restorations with large spans. The different translucencies and flexural strengths from cervical to incisal ensure stability and aesthetics. The hybrid layer from the “yellow-warm” aesthetic line has a precise layering and fits perfectly into the row of teeth.

Benefits

- Highest precision due to distortion-free material
- High process reliability during processing – no indication restrictions due to >800 MPa in the incisal area
- Fast and cost-effective for natural-looking fully anatomical (monolithic) restorations



Technical data	
Type	5Y-TZP + 3Y-TZP
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	Precolored acc. to VITA [®]
Aesthetics	incisal: Super High Translucent cervical: High Translucent
Sintering temperature	1.450 °C
Flexural strength	> 800 MPa incisal* ¹ 1.050 (±150) MPa cervical* ²
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Art Elements**
Aesthetic Finish	DD contrast [®]
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872
¹ measured in the incisal layer
² measured in the body layer
** DD cubeY[®] HL cannot be individualized with DD Art Elements “purple”!

Consult instructions for use.
Not all products are available in every country.

DDcubeYHL[®]
Hybridlayer – 5Y/3Y multicolored zirconia

Super High Translucent (5Y-TZP)
High Translucent (3Y-TZP)



Measure	OM1	OM2	OM3	available	Price (Euro/net)
98.5 x 14 mm	G842001	G842002	G842003	from Q1/2026	205,00
98.5 x 16 mm	G843001	G843002	G843003		225,00
98.5 x 18 mm	G844001	G844002	G844003	from Q1/2026	255,00
98.5 x 20 mm	G845001	G845002	G845003		295,00
98.5 x 25 mm	G847001	G847002	G847003		345,00



Measure	A1	A2	A3	A3.5	A4	available	Price (Euro/net)
98.5 x 14 mm	G842004	G842005	G842006	G842007	G842008	from Q1/2026	205,00
98.5 x 16 mm	G843004	G843005	G843006	G843007	G843008		225,00
98.5 x 18 mm	G844004	G844005	G844006	G844007	G844008	from Q1/2026	255,00
98.5 x 20 mm	G845004	G845005	G845006	G845007	G845008		295,00
98.5 x 25 mm	G847004	G847005	G847006	G847007	G847008		345,00

 Consult instructions for use.
Not all products are available in every country.



Measure	B1	B2	B3	B4	available	Price (Euro/net)
98.5 x 14 mm	G842009	G842010	G842011	G842012	from Q1/2026	205,00
98.5 x 16 mm	G843009	G843010	G843011	G843012		225,00
98.5 x 18 mm	G844009	G844010	G844011	G844012	from Q1/2026	255,00
98.5 x 20 mm	G845009	G845010	G845011	G845012		295,00
98.5 x 25 mm	G847009	G847010	G847011	G847012		345,00



Measure	C1	C2	C3	C4	available	Price (Euro/net)
98.5 x 14 mm	G842013	G842014	G842015	G842016	from Q1/2026	205,00
98.5 x 16 mm	G843013	G843014	G843015	G843016		225,00
98.5 x 18 mm	G844013	G844014	G844015	G844016	from Q1/2026	255,00
98.5 x 20 mm	G845013	G845014	G845015	G845016		295,00
98.5 x 25 mm	G847013	G847014	G847015	G847016		345,00



Measure	D2	D3	D4	available	Price (Euro/net)
98.5 x 14 mm	G842017	G842018	G842019	from Q1/2026	205,00
98.5 x 16 mm	G843017	G843018	G843019		225,00
98.5 x 18 mm	G844017	G844018	G844019	from Q1/2026	255,00
98.5 x 20 mm	G845017	G845018	G845019		295,00
98.5 x 25 mm	G847017	G847018	G847019		345,00

Nacera® Pearl Natural



Nacera® Pearl Natural

Hybridlayer – 5Y/3Y multicolored zirconia

Super High Translucent (5Y-TZP)
High Translucent (3Y-TZP)

HYBRID LAYER

16 VITA® + 3 Bleach shades

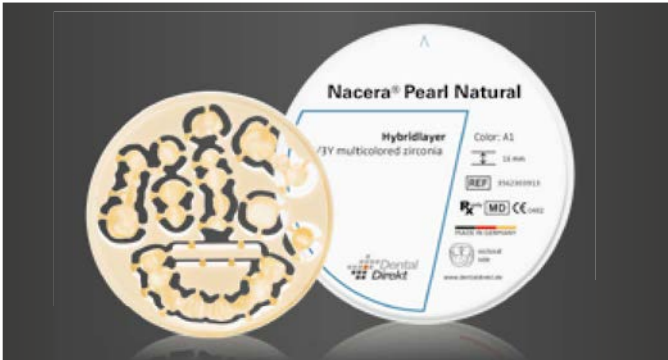
TRANS-LUCENCY

STRENGTH

Nacera® Pearl Natural is suitable for the fabrication of highly aesthetic restorations with large spans. The different translucencies and flexural strengths from cervical to incisal ensure stability and aesthetics. The hybrid layer from the “blue-cold” aesthetic line has a precise layering and fits perfectly into the row of teeth.

Benefits

- Highest precision due to distortion-free material
- High process reliability during processing due to >800 MPa in the incisal area
- Fast and cost-effective for natural-looking fully anatomical (monolithic) restorations



Technical data

Type	5Y-TZP + 3Y-TZP
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	Precolored acc. to VITA®
Aesthetics	incisal: Super High Translucent cervical: High Translucent
Sintering temperature	1.500 °C
Flexural strength	> 800 MPa incisal* 1.050 (±150) MPa cervical* ²
CAM system	Open systems for Ø 98.3 mm blanks
DD coloring liquids	DD Art Elements**
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872
¹ measured in the incisal layer
² measured in the body layer
** DD cubeY® HL cannot be individualized with DD Art Elements “purple”!

Consult instructions for use.
Not all products are available in every country.

Nacera® Pearl Natural

Hybridlayer – 5Y/3Y multicolored zirconia

Super High Translucent (5Y-TZP)
High Translucent (3Y-TZP)



Measure	Stellar White	OM2	OM3	available	Price (Euro/net)
98.3 x 14 mm	3559303912	3560303912	3561303912	from Q1/2026	200,00
98.3 x 16 mm	3559303913	3560303913	3561303913		215,00
98.3 x 18 mm	3559303914	3560303914	3561303914	from Q1/2026	251,00
98.3 x 20 mm	3559303096	3560303096	3561303096		287,00
98.3 x 25 mm	3559303097	3560303097	3561303097		339,00



Measure	A1	A2	A3	A3.5	A4	available	Price (Euro/net)
98.3 x 14 mm	3562303912	3563303912	3564303912	3565303912	3566303912	from Q1/2026	200,00
98.3 x 16 mm	3562303913	3563303913	3564303913	3565303913	3566303913		215,00
98.3 x 18 mm	3562303914	3563303914	3564303914	3565303914	3566303914	from Q1/2026	251,00
98.3 x 20 mm	3562303096	3563303096	3564303096	3565303096	3566303096		287,00
98.3 x 25 mm	3562303097	3563303097	3564303097	3565303097	3566303097		339,00



Measure	B1	B2	B3	B4	available	Price (Euro/net)
98.3 x 14 mm	3567303912	3568303912	3569303912	3570303912	from Q1/2026	200,00
98.3 x 16 mm	3567303913	3568303913	3569303913	3570303913		215,00
98.3 x 18 mm	3567303914	3568303914	3569303914	3570303914	from Q1/2026	251,00
98.3 x 20 mm	3567303096	3568303096	3569303096	3570303096		287,00
98.3 x 25 mm	3567303097	3568303097	3569303097	3570303097		339,00



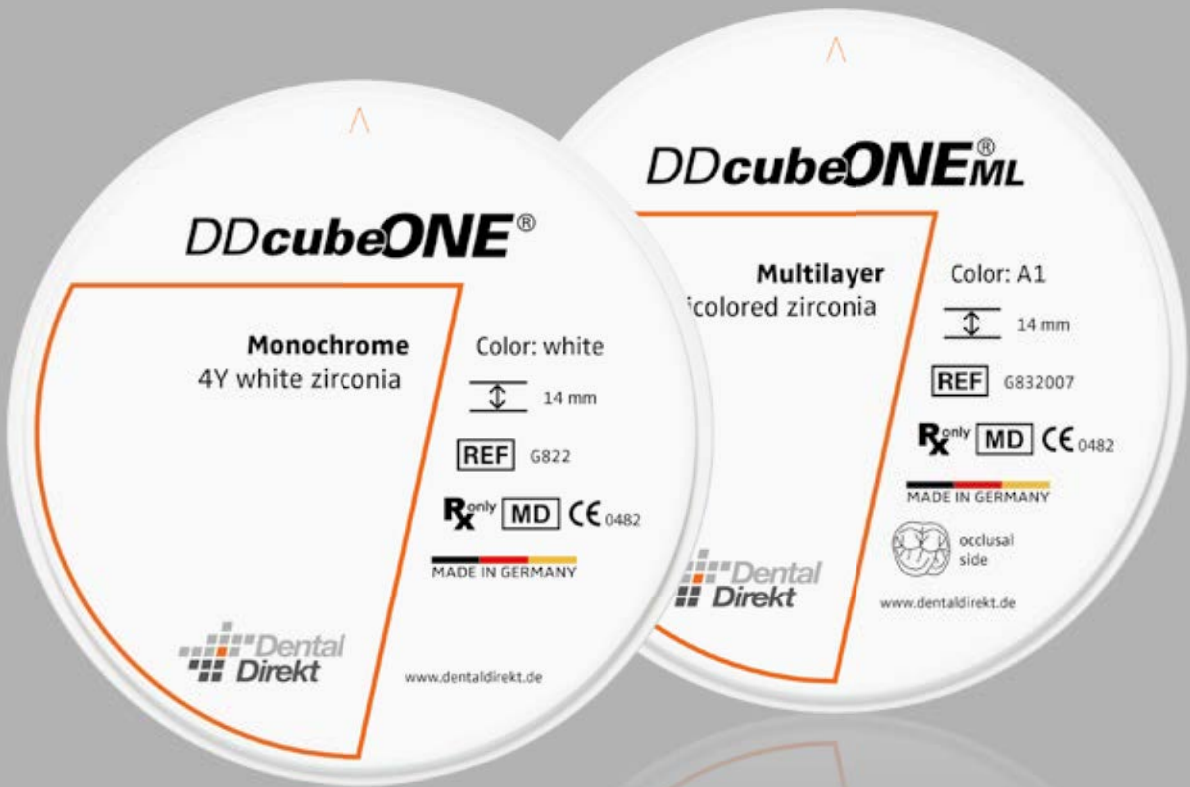
Measure	C1	C2	C3	C4	available	Price (Euro/net)
98.3 x 14 mm	3571303912	3572303912	3573303912	3574303912	from Q1/2026	200,00
98.3 x 16 mm	3571303913	3572303913	3573303913	3574303913		215,00
98.3 x 18 mm	3571303914	3572303914	3573303914	3574303914	from Q1/2026	251,00
98.3 x 20 mm	3571303096	3572303096	3573303096	3574303096		287,00
98.3 x 25 mm	3571303097	3572303097	3573303097	3574303097		339,00



Measure	D2	D3	D4	available	Price (Euro/net)
98.3 x 14 mm	3575303912	3576303912	3577303912	from Q1/2026	200,00
98.3 x 16 mm	3575303913	3576303913	3577303913		215,00
98.3 x 18 mm	3575303914	3576303914	3577303914	from Q1/2026	251,00
98.3 x 20 mm	3575303096	3576303096	3577303096		287,00
98.3 x 25 mm	3575303097	3576303097	3577303097		339,00

Consult instructions for use.
Not all products are available in every country.

DDcubeONE®



DDcubeONE®

Monochrome – 4Y white zirconia

High Translucent Plus (4Y-TZP)



DD cube ONE® is suitable for aesthetic restorations of any span. The material offers the perfect compromise between aesthetics and strength. In combination with the DD Shade Concept® coloring liquids, 16 VITA® shades and 3 Bleach shades can be precisely realized.

Benefits

- Extremely high fracture toughness
- Perfectly suitable for fully anatomical (monolithic) crown and bridges and cut back (one layer)



Technical data	
Type	4Y-TZP
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	white
Aesthetics	High Translucent Plus
Sintering temperature	1.450 °C
Flexural strength	1.200 (±150) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Pro Shade Z DD Basic Shade DD Art Elements
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

Measure	Order-no.	Price (Euro/net)
98.5 x 10 mm	G820	164,00
98.5 x 12 mm	G821	174,00
98.5 x 14 mm	G822	185,00
98.5 x 16 mm	G823	199,00
98.5 x 18 mm	G824	226,00
98.5 x 20 mm	G825	246,00
98.5 x 25 mm	G826	287,00

Consult instructions for use.
Not all products are available in every country.

DDcubeONE[®]ML
Multilayer – 4Y multicolored zirconia
High Translucent Plus (4Y-TZP)

MULTI
LAYER

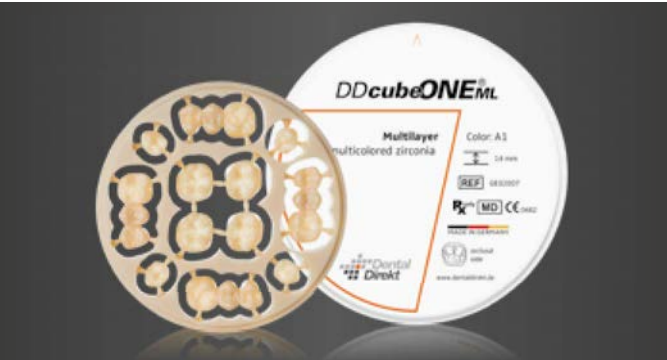
16 VITA[®]
+ 1 Bleach
shade

TRANS-
LUCENCY

STRENGTH

DD cube ONE[®] ML is suitable for aesthetic restorations of any span. The material offers the perfect compromise between aesthetics and strength. The integrated color gradient enables the efficient fabrication of restorations with a natural appearance.

- Benefits
- Extremely high fracture toughness
 - Incisal layer and dentine layer + 2 intermediate layers = natural color gradient
 - Perfectly suitable for fully anatomical (monolithic) crown and bridges and cut back (one layer)



Technical data	
Type	4Y-TZP
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	Precolored acc. to VITA [®]
Aesthetics	High Translucent Plus
Sintering temperature	1.450 °C
Flexural strength	1.200 (±150) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
Multi Additive Technology [®]	Reliable reproduction of color via industrial coloring
DD coloring liquids	DD Art Elements DD Incisal X
Aesthetic Finish	DD contrast [®]
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

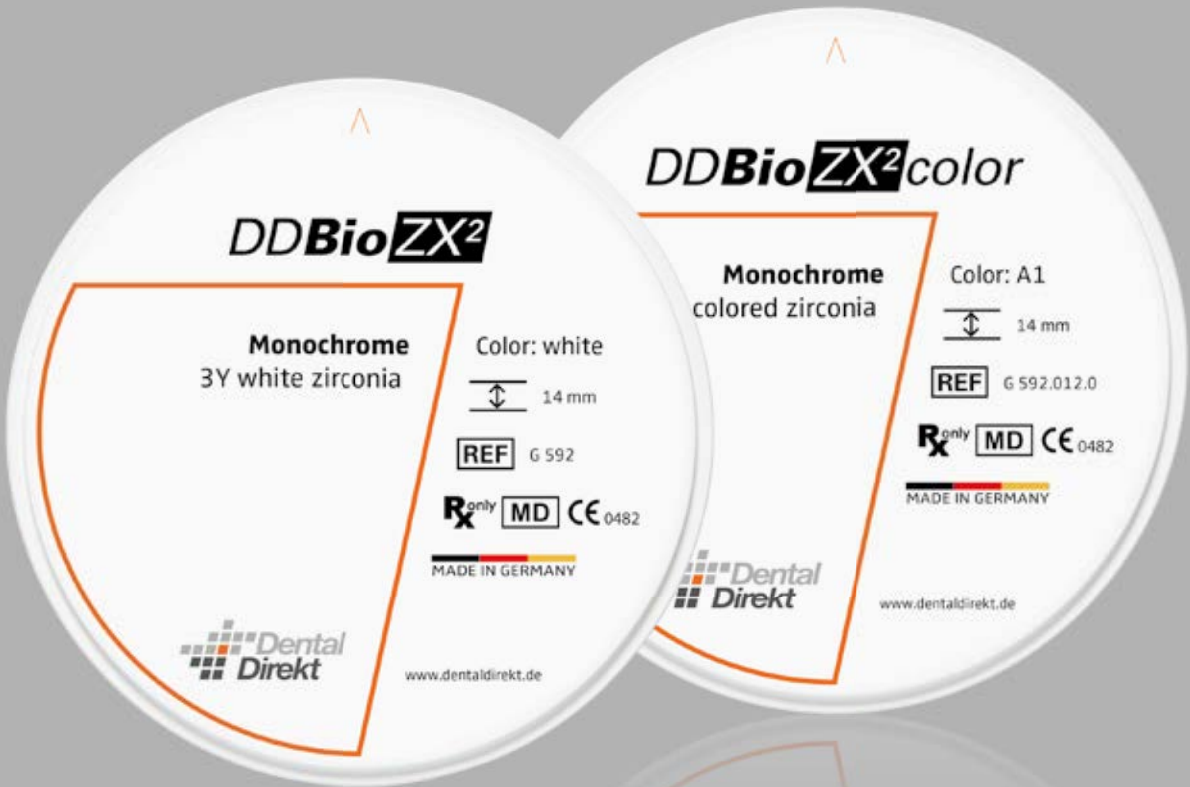
Measure	Bleach	A1	A2	A3	A3.5	A4	Price (Euro/net)
98.5 x 14 mm	G832017	G832007	G832001	G832002	G832003	G832009	195,00
98.5 x 18 mm	G834017	G834007	G834001	G834002	G834003	G834009	236,00
98.5 x 22 mm	G836017	G836007	G836001	G836002	G836003	G836009	287,00

Measure	B1	B2	B3	B4	Price (Euro/net)
98.5 x 14 mm	G832008	G832004	G832010	G832011	195,00
98.5 x 18 mm	G834008	G834004	G834010	G834011	236,00
98.5 x 22 mm	G836008	G836004	G836010	G836011	287,00

Measure	C1	C2	C3	C4	Price (Euro/net)
98.5 x 14 mm	G832012	G832005	G832013	G832014	195,00
98.5 x 18 mm	G834012	G834005	G834013	G834014	236,00
98.5 x 22 mm	G836012	G836005	G836013	G836014	287,00

Measure	D2	D3	D4	Price (Euro/net)
98.5 x 14 mm	G832015	G832006	G832016	195,00
98.5 x 18 mm	G834015	G834006	G834016	236,00
98.5 x 22 mm	G836015	G836006	G836016	287,00

DDBioZX²



DDBioZX²

Monochrome – 3Y white zirconia

High Translucent (3Y-TZP-LA)



DD Bio ZX² is suitable for aesthetic restorations of any span. The “classic” 2nd generation material offers positive mechanical properties and high light transmission. In combination with the coloring liquids of the DD Shade Concept®, 16 VITA® shades and 3 Bleach shades can be precisely realized.

Benefits

- High strength
- High fracture toughness
- Perfectly suitable for high aesthetic veneering and cut back (one layer)



Technical data	
Type	3Y-TZP-LA
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	white
Aesthetics	High Translucent
Sintering temperature	1.450 °C
Flexural strength	1.150 (±150) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Pro Shade Z DD Basic Shade DD Art Elements
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

Measure	Order-no.	Price (Euro/net)
98.5 x 10 mm	G 590	133,00
98.5 x 12 mm	G 591	153,00
98.5 x 14 mm	G 592	164,00
98.5 x 16 mm	G 593	184,00
98.5 x 18 mm	G 594	205,00
98.5 x 20 mm	G 595	215,00
98.5 x 25 mm	G 596	246,00

 Consult instructions for use.
Not all products are available in every country.

DDBioZX²color

Monochrome – 3Y colored zirconia

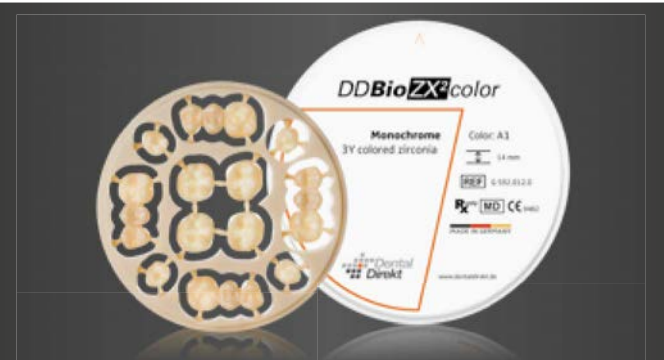
High Translucent (3Y-TZP-LA)



DD Bio ZX² color is suitable for aesthetic restorations of any span. The “classic” 2nd generation material offers positive mechanical properties and high light transmission. The 16 VITA® shades enable the efficient fabrication of restorations with a natural appearance.

Benefits

- High strength
- High fracture toughness
- perfectly suitable for high aesthetic veneering and cut back (one layer)



Technical data	
Type	3Y-TZP-LA
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	Precolored acc. to VITA®
Aesthetics	High Translucent
Sintering temperature	1.450 °C
Flexural strength	1.150 (±150) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
Multi Additive Technology®	Reliable reproduction of color via industrial coloring
DD coloring liquids	DD Art Elements DD Incisal X
Aesthetic Finish	DD contrast®
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872



Measure	A1	A2	A3	A3.5	A4	Price (Euro/net)
98.5 x 10 mm	G 590.012.0	G 590.006.0	G 590.007.0	G 590.008.0	G 590.013.0	153,00
98.5 x 14 mm	G 592.012.0	G 592.006.0	G 592.007.0	G 592.008.0	G 592.013.0	174,00
98.5 x 18 mm	G 594.012.0	G 594.006.0	G 594.007.0	G 594.008.0	G 594.013.0	215,00
98.5 x 20 mm	G 595.012.0	G 595.006.0	G 595.007.0	G 595.008.0	G 595.013.0	236,00
98.5 x 25 mm	G 596.012.0	G 596.006.0	G 596.007.0	G 596.008.0	G 596.013.0	277,00



Measure	B1	B2	B3	B4	Price (Euro/net)
98.5 x 10 mm	G 590.014.0	G 590.009.0	G 590.015.0	G 590.016.0	153,00
98.5 x 14 mm	G 592.014.0	G 592.009.0	G 592.015.0	G 592.016.0	174,00
98.5 x 18 mm	G 594.014.0	G 594.009.0	G 594.015.0	G 594.016.0	215,00
98.5 x 20 mm	G 595.014.0	G 595.009.0	G 595.015.0	G 595.016.0	236,00
98.5 x 25 mm	G 596.014.0	G 596.009.0	G 596.015.0	G 596.016.0	277,00



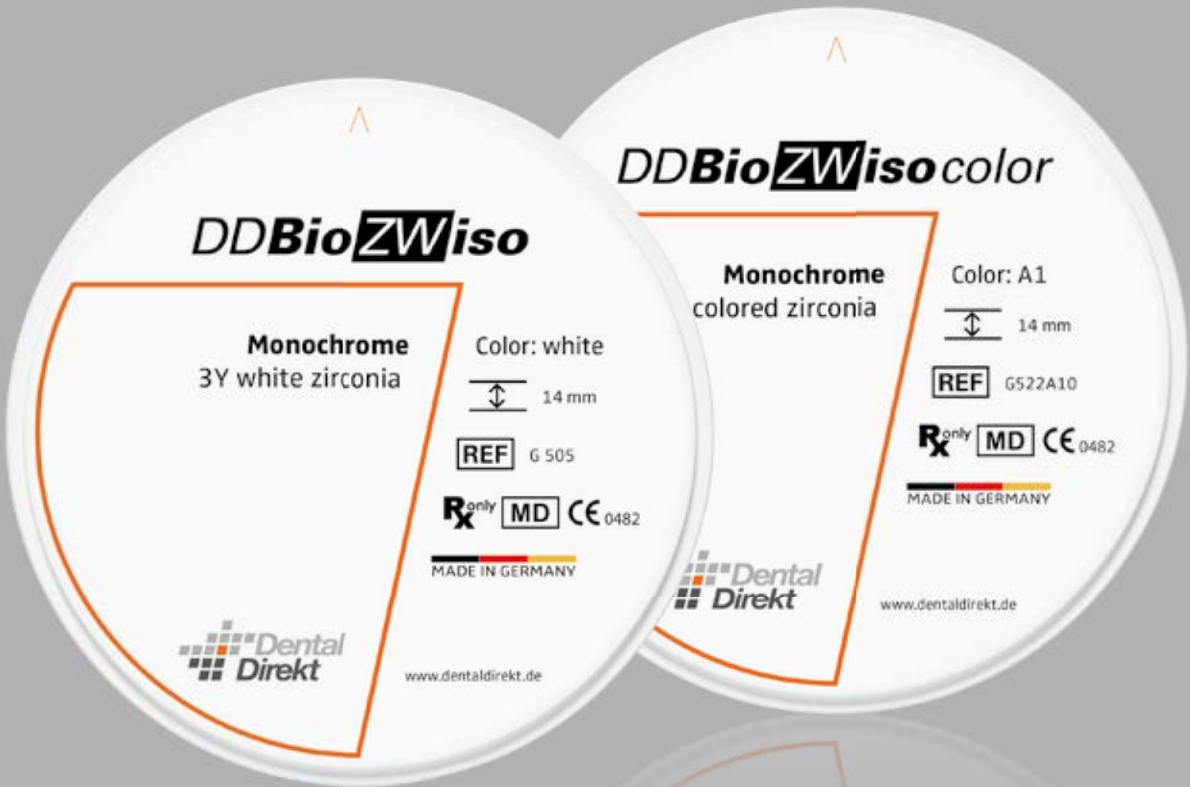
Measure	C1	C2	C3	C4	Price (Euro/net)
98.5 x 10 mm	G 590.017.0	G 590.010.0	G 590.018.0	G 590.019.0	153,00
98.5 x 14 mm	G 592.017.0	G 592.010.0	G 592.018.0	G 592.019.0	174,00
98.5 x 18 mm	G 594.017.0	G 594.010.0	G 594.018.0	G 594.019.0	215,00
98.5 x 20 mm	G 595.017.0	G 595.010.0	G 595.018.0	G 595.019.0	236,00
98.5 x 25 mm	G 596.017.0	G 596.010.0	G 596.018.0	G 596.019.0	277,00



Measure	D2	D3	D4	Price (Euro/net)
98.5 x 10 mm	G 590.020.0	G 590.011.0	G 590.021.0	153,00
98.5 x 14 mm	G 592.020.0	G 592.011.0	G 592.021.0	174,00
98.5 x 18 mm	G 594.020.0	G 594.011.0	G 594.021.0	215,00
98.5 x 20 mm	G 595.020.0	G 595.011.0	G 595.021.0	236,00
98.5 x 25 mm	G 596.020.0	G 596.011.0	G 596.021.0	277,00

 Consult instructions for use.
Not all products are available in every country.

DDBioZWiso



DDBioZWiso

Monochrome – 3Y white zirconia

High Strength (3Y-TZP-A)



DD Bio ZW iso is suitable for substructures of any span. The opaque, high-strength material reliably masks discoloration. A perfect basis for subsequent veneering with the coloring liquids of the DD Shade Concept® in 16 VITA® shades and 3 Bleach shades.

Benefits

- High strength
- High fracture toughness
- Perfectly suitable for aesthetic veneering
- Perfectly suitable for Hybrid abutments



Technical data	
Type	3Y-TZP-A
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	white
Aesthetics	Opaque
Sintering temperature	1.450 °C
Flexural strength	1.150 (±200) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Pro Shade Z DD Basic Shade DD Art Elements
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

Measure	Order-no.	Price (Euro/net)
98.5 x 10 mm	G 513	123,00
98.5 x 12 mm	G 526	143,00
98.5 x 14 mm	G 505	153,00
98.5 x 16 mm	G 527	174,00
98.5 x 18 mm	G 506	195,00
98.5 x 20 mm	G 507	205,00
98.5 x 25 mm	G 553	236,00

 Consult instructions for use.
Not all products are available in every country.

DDBioZWiso color
Monochrome – 3Y colored zirconia

High Strength (3Y-TZP-A)



DD Bio ZW iso color is suitable for substructures of any span. The opaque, high-strength material reliably masks discoloration. The pre-colored material according to VITA® shades provides the perfect basis for restorations with a natural appearance.

Benefits

- High strength
- High fracture toughness
- Perfectly suitable for aesthetic veneering
- Perfectly suitable for Hybrid abutments

Technical data	
Type	3Y-TZP-A
Indication ISO 6872	Type II, class 5 – all dental constructions, bridges with max. 2 connected pontics
Color	Precolored acc. to VITA®
Aesthetics	Opaque
Sintering temperature	1.450 °C
Flexural strength	1.150 (±200) MPa*
CAM system	Open systems for Ø 98.5 mm blanks
DD coloring liquids	DD Art Elements
Luting system	DD Solid Link

* measured according to DIN EN ISO 6872

Measure	A1	A2	A3	A3.5	Price (Euro/net)
98.5 x 10 mm	G520A10	G520A20	G520A30	G520A350	143,00
98.5 x 14 mm	G522A10	G522A20	G522A30	G522A350	164,00
98.5 x 18 mm	G524A10	G524A20	G524A30	G524A350	205,00
98.5 x 20 mm	G525A10	G525A20	G525A30	G525A350	226,00
98.5 x 25 mm	G526A10	G526A20	G526A30	G526A350	267,00

Measure	B1	B2	C1	D2	Price (Euro/net)
98.5 x 10 mm	G520B10	G520B20	G520C10	G520D20	143,00
98.5 x 14 mm	G522B10	G522B20	G522C10	G522D20	164,00
98.5 x 18 mm	G524B10	G524B20	G524C10	G524D20	205,00
98.5 x 20 mm	G525B10	G525B20	G525C10	G525D20	226,00
98.5 x 25 mm	G526B10	G526B20	G526C10	G526D20	267,00

Consult instructions for use.
Not all products are available in every country.

Coloring Liquids





more grayish



more reddish



more grayish



more reddish



more grayish



more reddish



more grayish



more yellowish



Recommendation

Color concept: (shade/color saturation)
Brightness: LESS brightness
DD recommendation: intensive chroma, higher gray value
minimum layering (cut back), full veneering, combination of both techniques

Color concept: (shade/color saturation)
Brightness: MORE brightness
DD recommendation: less intensive chroma, warmer shade
Basic coloring with the recommended DD Pro Shade.
Further characterization: For fully anatomical (monolithic) crowns/bridges made of DD cubeX²® or DD cube ONE® an individual coloring (DD contrast® color and form concept) or minimal layering (cut back). For constructions made of DD Bio ZX² or DD Bio ZW iso a ceramic veneer.

DDBasicShade

Universal Dentine Liquid

DD Basic Shade is a universal dentine coloring liquid for all non-pre-shaded Dental Direkt zirconia types. DD Basic Shade is used before the sintering process.

Shade guide	VITA® classical (dentine)
Color concept	Intensive chroma – higher gray value
Brightness	Less brightness



16 dentine shades and 3 bleach shades according to VITA®

Color according to VITA®	Order no. 30 ml	Order no. 100 ml
OM1	LBS300M1	LBS1000M1
OM2	LBS300M2	LBS1000M2
OM3	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)	26,00	66,00

- Recommended for
- DD Bio ZW iso (3Y-TZP-A) High Strength
 - DD Bio ZX² (3Y-TZP-LA) High Translucent
 - DD cube ONE® (4Y-TZP) High Translucent Plus
 - DD cubeX²® (5Y-TZP) Super High Translucent

- Recommended use
- Color basis for minimal layering (cut back)
 - Color basis for full veneering
 - Combination of both techniques

Consult instructions for use.
Not all products are available in every country.

DDProShadeZ

Special Dentine Liquid

DD Pro Shade Z is a specially developed dentine coloring liquid for the non-pre-shaded high-strength and high translucent zirconia types. DD Pro Shade Z is used before the sintering process.

Shade guide	VITA® classical (dentine)
Color concept	Less intensive chroma – warmer shade
Brightness	More brightness



16 dentine shades and 3 bleach shades according to VITA®

Color according to VITA®	Order no. 30 ml	Order no. 100 ml
OM1	LPSZ300M1	LPSZ1000M1
OM2	LPSZ300M2	LPSZ1000M2
OM3	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)	26,00	66,00

- Recommended for
- DD Bio ZW iso (3Y-TZP-A) High Strength
 - DD Bio ZX² (3Y-TZP-LA) High Translucent
 - DD cube ONE® (4Y-TZP) High Translucent Plus

- Recommended use
- Perfect color base for fully anatomical (monolithic) crowns and bridges made of DD cube ONE® (DD contrast® color and form concept)
 - Color basis for minimal layering (cut back) of DD Bio ZW iso or DD Bio ZX²

Consult instructions for use.
Not all products are available in every country.

DDProShadeC

Special Dentine Liquid

DD Pro Shade C is a specially developed dentine coloring liquid for the cubic non-pre-shaded zirconia DD cubeX²®. DD Pro Shade C is used before the sintering process.

Shade guide	VITA® classical (dentine)
Color concept	Less intensive chroma – warmer shade
Brightness	More brightness



16 dentine shades and 3 bleach shades according to VITA®

Color according to VITA®	Order no. 30 ml	Order no. 100 ml
OM1	LPSC300M1	LPSC1000M1
OM2	LPSC300M2	LPSC1000M2
OM3	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)	26,00	66,00

- Recommended for
- DD cubeX²® (5Y-TZP) Super High Translucent

- Recommended use
- Perfect color base for monolithic crowns and bridges made of DD cubeX²® (DD contrast® color and form concept)
 - Color basis for minimal layering (cut back)

Consult instructions for use.
Not all products are available in every country.

DDArtElements

- Recommended for
- DD Bio ZW iso/color (3Y-TZP-A) High Strength
 - DD Bio ZX²/color (3Y-TZP-LA) High Translucent
 - DD cube ONE®/ML (4Y-TZP) High Translucent Plus
 - Nacera® Pearl Natural* (5Y-TZP/3Y-TZP) Super High Translucent High Translucent
 - DD cubeY® HL* (5Y-TZP/3Y-TZP) Super High Translucent High Translucent
 - DD cubeX²®/ML (5Y-TZP) Super High Translucent

To be used with all DD Dentine Liquids.

Effect colors
For individualisation, to shade the dentine colors, or simply for the characterization of e.g. fissures, incisal areas or gingival areas.

light pink	purple	blue
LAE30LP	LAE30P	LAE30B
yellow	orange	light brown
LAE30Y	LAE30O	LAE30LB
dark brown	light grey	dark grey
LAE30DB	LAE30LG	LAE30DG
graphite	30 ml	Price (euro/net)
LAE30G		66,00

Consult instructions for use.
Not all products are available in every country.

* Nacera® Pearl Natural and DD cubeY® HL cannot be individualized with DD Art Elements "purple"!

Incisal
For occlusal and incisal individualisation.

Color		Order no. / 15 ml
SA1	for painting technique (OM3 · Aa1 · A2 · B1 · B2)	LAE15SA1
SA2	for painting technique (A3 · A3.5 · A4 · B3 · B4)	LAE15SA2
SC1	for painting technique (C1 · C2 · D2)	LAE15SC1
SC2	for painting technique (C3 · C4 · D3 · D4)	LAE15SC2
SO	for painting technique (OM1 · OM2) for dipping technique (all dentine colors)	LAE15SO
SO Bright	for painting technique (OM1 · OM2) for dipping technique (all dentine colors)	LAE15SOB
Price (euro/net)		17,00

Incisal SO / SO Bright
Optimized for efficient dipping technique.



SO Bright produces more intense brightness in the incisal area.

Incisal SA / SC
Optimized for individual painting technique.



Vario
To brighten the dentine colors.

Article	Order no. / 30 ml
Variation liquid	LAE30V
Price (euro/net)	26,00

DDShadeConcept® 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	387,00
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	387,00
DD Pro Shade Z set (Ideal for DD Bio ZW iso, DD Bio ZX² and DD cube ONE®)	LPSZ001	16 dentine colors A1 – D4 á 30 ml 5 incisal colors SA1 – SO á 15 ml + 40 applicators	387,00
DD Art Elements set	LAE001	5 incisal colors á 15 ml 10 effect colors á 30 ml 1 vario liquid á 30 ml + 40 applicators	608,00

 Consult instructions for use.
Not all products are available in every country.

DDIncisalX

Translucency-increasing liquid

The liquid has been specially developed to "pimp" the incisal area of high-strength zirconium oxide restorations and thus ensure even more aesthetic results. DD Incisal X is available in two variants and offers you the greatest flexibility in individualizing your crown and bridge restorations. The application with the enclosed applicators simplifies the handling. By recommended application, the translucent gradient is enhanced.

In short: similarly beautiful to a veneer, but without the great effort.

Benefits

- Two variants for creative working
- Better aesthetics in the incisal area for high-strength, opaque materials
- Aesthetic enhancement without the expense of a veneer

DD Incisal X – X0

Pure translucency-increasing liquid

Add the finishing touch to your restoration. Create contrast between the dentin and the incisal edge or perfect your individualization in combination with DD Art Elements.

Article	Order No. / 5 ml	Price (euro/net)
DD Incisal X – X0	LIX05X0	66,00
DD Incisal X – X2	LIX05X2	66,00

 Consult instructions for use.
Not all products are available in every country.



Recommended for

- DD cube ONE® ML
- DD Bio ZX² color

Content:

- 1 watch glass
- 10 applicators
- 5 ml DD Incisal X-Liquid (variant X0 or X2) in pipette bottle
- quick guide

DD Incisal X – X2

Translucency-increasing liquid with colouring oxides

Create with minimal effort a real and optical translucency increase through bluish/grayish/violet color effect.

Aesthetic Finish

03

Aesthetic Finish

VITA LUMEX® UNIQUE

VITA LUMEX UNIQUE gives monolithic restorations their final touch – easily, quickly and effectively. The innovative Liquid Ceramic System consists of fluorescent, ready-to-use pastes and makes it possible to achieve unique esthetics with three-dimensional depth effects.

Whether it's 3D characterization of ultra-thin microlayering on zirconia, lithium disilicate or feldspar ceramics, VITA LUMEX UNIQUE offer maximum esthetics with minimum effort.



VITA LUMEX® UNIQUE EFFECT AND CHROMA PASTES

Pastes for imitating distinctive effects, customizing the gingival area, and adjustment to the natural tooth color.

HIGHLIGHTING EFFECT		Art. No. / 4 g	Price (Euro/netto)
	white	B543204	55,00
	brown	B543224	55,00
	black	B543234	55,00
CHROMA VITA CLASSICAL A1 – D4 SHADES			
	red-brown (A)	B543304	55,00
	red-sun (B)	B543314	55,00
	grey-brown (C)	B543324	55,00
	grey-red (D)	B543334	55,00
CHROMA VITA SYSTEM 3D MASTER SHADES			
	corn-yellow (L)	B543344	55,00
	red-yellow (M)	B543354	55,00
	light-red (R)	B543364	55,00
EFFECT GINGIVA			
	pale-papilla	B543514	55,00
	light-rose	B543524	55,00
	deep-pink	B543534	55,00
	nectarine	B543544	55,00
	deep-purple	B543554	55,00

 Consult instructions for use.
Not all products are available in every country.

VITA LUMEX® UNIQUE COLOR PASTES

Transparent adjusted effect pastes for customizing the tooth and gingival area, for creating natural translucent effects, mamelon structures, or for intensifying the cervical area.

LUMIN TRANSLUCENT EFFECT		Art. No. / 4 g	Price (Euro/netto)
	crystal-white	B542874	55,00
MAMELON EFFECT			
	saffron	B543874	55,00
	honey-melon	B543884	55,00
TRANSLUCENT EFFECT			
	midnight	B543004	55,00
	deep-blue	B543014	55,00
	foggy-grey	B543024	55,00
	lilac	B543034	55,00
	copper	B543044	55,00
	khaki	B543054	55,00
	lemon	B543074	55,00
	deep-red	B543084	55,00

VITA LUMEX® UNIQUE TEXTURE PASTES

The fluorescent TEXTURE pastes give monolithic restorations with natural color and translucency effects a dynamic depth effect and vitality.

The non-fluorescent TEXTURE GINGIVA pastes enable a lifelike reproduction of the color effect and texture of soft tissue.

Possibility of an ultra-thin microlayering with a thickness of approx. 0.1 – 0.2 mm.

TEXTURE		Art. No. / 4 g	Price (Euro/netto)
	ENAMEL light	B543414	55,00
	opal-sky	B543424	55,00
	misty-rose	B543434	55,00
	clear	B543444	55,00
TEXTURE GINGIVA			
	light-pink	B543954	55,00
	pink	B543964	55,00

 Consult instructions for use.
Not all products are available in every country.

VITA LUMEX® UNIQUE GLAZE

For coating tooth and gingival areas.

	Art. No. / 4 g	Price (Euro/netto)
FLUO-GLAZE	B543694	50,50
GLAZE (non-fluorescent)	B543704	50,50
Art. No. / 5 g		
GLAZE POWDER (non-fluorescent)	B543705	22,00

VITA LUMEX® UNIQUE LIQUID

For adjusting the consistency of all VITA LUMEX® UNIQUE pastes.

	Art. No.	Price (Euro/netto)
Liquid 15 ml	BLUCPL15V1	16,50
Liquid 50 ml	BLUCPL50V1	34,00

VITA LUMEX® UNIQUE STANDARD KITS

	Art. No.	Content	Price (Euro/netto)
VITA CLASSICAL A1 – D4® 	BLUSKC	6 x COLOR Paste, à 4 g 9 x EFFECT & CHROMA Paste, à 4 g 1 x TEXTURE Paste, à 4 g 1 x TEXTURE Paste GINGIVA, à 4 g 2 x GLAZE Paste, à 4 g 2 x VITA LUMEX® AC POWDER 1 x LIQUID, à 15 ml 1 x VITA LUMEX® AC MODELLING LIQUID, à 50 ml	934,50
VITA SYSTEM 3D-MASTER® 	BLUSK3D	7 x COLOR Paste, à 4 g 8 x EFFECT & CHROMA Paste, à 4 g 1 x TEXTURE Paste, à 4 g 1 x TEXTURE Paste GINGIVA, à 4 g 2 x GLAZE Paste, à 4 g 2 x VITA LUMEX® AC POWDER 1 x LIQUID, à 15 ml 1 x VITA LUMEX® AC MODELLING LIQUID, à 50 ml	934,50

DD FIRING PASTE – the ultimate ceramic firing paste for object fixation

	Art.-Nr.	Preis (Euro/netto)
DD firing paste	DDCFP	22,00

 Consult instructions for use.
Not all products are available in every country.



Enables polishing of finalized zirconia restorations. In addition to the polishers for initial smoothing (purple), a second variant of polishers (white) is available for gloss, as well as goat hair brushes and a diamond polishing paste.



panther starter kit	
Order-no.	TCPSET104/01
Item	1
Price (euro/net)	216,00

TCP M	panther Flame 055	panther Lense 260	panther Wheel 170	panther Lense 150
Order-no.	TCP100104MSW4Z	TCP140104M	TCP158104MSW4Z	TCP541104MSW4Z
Measure (mm)	Ø 5.5 x 18	Ø 26 x 2	Ø 17 x 2.4	Ø 15 x 1
Shaft	104-HP	104-HP	104-HP	104-HP
Optimal / maximum (min. -1)	12.000 / 20.000	8.000 / 20.000	8.000 / 20.000	8.000 / 20.000
Item	3 pieces	1 piece	3 pieces	3 pieces
Price (euro/net)	25,00	36,00	66,00	72,00

TCP XF	panther Flame 055	panther Lense 260	panther Wheel 170	panther Lense 150
Order-no.	TCP100104XFSW4Z	TCP140104XF	TCP158104XFSW4Z	TCP541104XFSW4Z
Measure (mm)	Ø 5.5 x 18	Ø 26 x 2	Ø 17 x 2.4	Ø 15 x 1
Shaft	104-HP	104-HP	104-HP	104-HP
Optimal / maximum (min. -1)	12.000 / 20.000	8.000 / 20.000	8.000 / 20.000	8.000 / 20.000
Item	3 pieces	1 piece	3 pieces	3 pieces
Price (euro/net)	25,00	36,00	66,00	72,00

Accessories	panther Diamond polishing paste	Goat's hair brush 17 mm	Goat's hair brush 19 mm
Order-no.	TCPPASTE01/20	TCP417104GR16	TCP419104GR16
Measure (mm)	–	Ø 17	Ø 19
Shaft	–	104-HP	104-HP
Optimal / maximum (min. -1)	–	12.000 / 15.000	12.000 / 15.000
Item	20 g	10 pieces	10 pieces
Price (euro/net)	78,00	13,00	13,00

Consult instructions for use.
Not all products are available in every country.

High Performance Polymers



Indication overview Polymer Heroes



DDBioSplintPHI



DDBioSplintFLEX



DDbasePHI



DDproviPHI



DDpolyYML



DDpeekMED

INDICATION	for the long-term use in the oral cavity	for the short-term use in the oral cavity	for the long-term use in the oral cavity	for the long-term use in the oral cavity	for the long-term use in the oral cavity	for the long-term use in the oral cavity
Splints	●	●				
Bite regulators	●	●				
Temporary crowns				●	●	
Temporary bridges				●	●	
Denture teeth					●	
Implant-supported restorations						●
Fixed and removable framework constructions						●
Denture bases			●			

DDBioSplintPHI

high impact thermoplastic

PMMA for occlusal splints

DD Bio Splint P HI are transparent thermoplastic blanks based on polymethylmethacrylate (PMMA) and suitable for the fabrication of bite splints. In the CAD/CAM process, you achieve reproducible results with little post-processing effort.

Benefits

- Biocompatible
- High stability due to high impact modification
- Very good polishing properties
- Bonding to cold-curing polymers (PMMA) possible
- Bisphenol A free



Technical data	
Material	100% Polymethylmethacrylate (PMMA)
Indication	Splints, therapeutic splints, bite regulators (Indicated for long-term use in the oral cavity for up to 12 months)
Color	clear
Flexural strength ISO 20795-2	64 MPa
Flexural modulus ISO 20795-2	≥ 1950 MPa
Fracture toughness ISO 20795-2	2,0 MPa m ^{1/2}
Water absorption ISO 20795-2	< 24 µg/mm ³
Solubility ISO 20795-2	< 0,13 µg/mm ³
Residual monomer ISO 20795-2	< 0,7 %
CAM system	open systems for Ø 98.5 mm blanks

Measure	Order-no.	Price (euro/net)
98.5 x 15 mm	K40115	35,00
98.5 x 20 mm	K40120	42,00
98.5 x 25 mm	K40125	47,00
98.5 x 30 mm	K40130	58,00

 Consult instructions for use.
Not all products are available in every country.

DDBioSplintFLEX

flexible thermoplastic

Copolyester for bite splints

DD Bio Splint FLEX are transparent thermoplastic blanks made of biocompatible copolyester for medical use. The material is characterised by high flexibility and simultaneously high impact strength. In the CAD/CAM process, you achieve reproducible results with little post-processing effort.

Benefits

- Biocompatible
- High level of flexibility
- Good polishing properties
- Possible to bond to cold-curing polymers (PMMA) with bonder
- Bisphenol A free



Technical data	
Material	100% Copolyester (PCT-G)
Indication	Flexible splints, therapeutic splints, bite regulators (Indicated for short-term use in the oral cavity for up to 30 days)
Color	clear
Flexural strength ISO 20795-1	≥ 58 MPa
Flexural modulus ISO 20795-1	≥ 1.370 MPa
Fracture toughness ISO 20795-1	≥ 3 MPa m ^{1/2}
Water absorption ISO 20795-1	6 µg/mm ³
Solubility ISO 20795-1	< 0,25 µg/mm ³
CAM system	open systems for Ø 98.5 mm blanks

Measure	Order-no.	Price (euro/net)
98.5 x 20 mm	K60120	63,00

 Consult instructions for use.
Not all products are available in every country.

DDbase^{PHI}
high impact thermoplastic

MONO
CHROME

3 shades

PMMA for digital denture bases

DD base P HI are gingiva-colored milling blanks based on the raw material of our proven DD Bio Splint P HI. The material is ideally suited for the production of digital denture bases and indicated for the long-term use in the oral cavity.

Benefits

- Biocompatible
- High stability due to high impact modification
- Very good polishing properties
- Very good bond to denture teeth and cold-curing polymers (PMMA)
- Available in three colors



Technical data	
Material	Polymethylmethacrylate (PMMA)
Indication	Denture bases for removable dentures (Indicated for long-term use in the oral cavity for up to 10 years)
Flexural strength ISO 20795-1	65 MPa
Flexural modulus ISO 20795-1	2.030 MPa
Fracture toughness ISO 20795-1	2,6 µg/mm ^{1/2}
Water absorption ISO 20795-1	< 24 µg/mm ³
Solubility ISO 20795-1	< 0,3 µg/mm ³
residual monomer content ISO 20795-1	< 0,5 %
CAM system	open systems for Ø 98.5 mm blanks
Chemical Composition [Weight %]	
Polymethylmethacrylate (PMMA)	> 99
Dyes	< 1

Measure	light pink	pink	sun	Price (Euro/net)
98.5 x 30 mm	K50230	K50130	K50330	79,00

Consult instructions for use.
Not all products are available in every country.

DDprovi^{PHI}
high impact thermoplastic

MONO
CHROME

7 VITA®
+1 Bleach
shade

PMMA for temporary restorations

DD provi P HI is a monochromatic colored milling blank and based on the raw material of our proven DD Bio Splint P HI. The material is perfectly balanced in terms of translucency and opacity and adapted to the VITA® Classic shades.

Benefits

- Biocompatible
- High stability due to high impact modification
- Very good polishing properties
- Customizable
- Bonding to cold-curing polymers (PMMA) possible



Technical data	
Material	Polymethylmethacrylate (PMMA)
Indication	Temporary crowns and bridges (Indicated for long-term use in the oral cavity for up to 12 months)
Flexural strength ISO 20795-1	65 MPa
Flexural modulus ISO 20795-1	2.030 MPa
Fracture toughness ISO 20795-1	2,6 MPa m ^{1/2}
Water absorption ISO 20795-1	< 24 µg/mm ³
Solubility ISO 20795-1	< 0,3 µg/mm ³
Residual monomer content ISO 20795-1	< 0,5 %
CAM system	open systems for Ø 98.5 mm blanks
Chemical Composition [Weight %]	
Polymethylmethacrylate (PMMA)	> 99
Dyes	< 1

Measure	Bleach	A1	A2	A3	A3.5	B2	C2	D3	Price (Euro/net)
98.5 x 20 mm	K71720	K70120	K70220	K70320	K70420	K70720	K71120	K71520	42,00

Consult instructions for use.
Not all products are available in every country.

DDpolyYML

MULTI
LAYER

16 VITA®
+ 2 Bleach
shades

PMMA multilayers for aesthetic long-term temporary restorations and denture teeth

DD poly Y ML are pre-colored, multilayer CAD/CAM milling blanks based on a polymethylmethacrylate (PMMA). The material offers harmoniously graded shades in five layers, which create a natural color gradient and thus guarantee a lifelike effect.

DD poly Y ML can be used in combination with DD base P HI to achieve a precise digital prosthetic solution with optimum aesthetics and functionality.

- Benefits
- Good bond to denture base material
 - Good polishing properties
 - No porosity in the material
 - Customizable with composite**



Technical data	
Material	Polymethylmethacrylate (PMMA)
Indication	Long-term temporary crowns and bridges, individual denture teeth, full arch and tooth segments to manufacture denture (Indicated for long-term use in the oral cavity for up to 5 years)
Flexural strength ISO 10477* ISO 20795-2*	120 MPa 90 MPa
Flexural modulus ISO 20795-2*	2.700 MPa
Water absorption ISO 20795-2*	25 µg/mm³
Solubility ISO 20795-2*	0,6 µg/mm³
Residual monomer content ISO 20795-2*	0,5 %
CAM system	open systems for Ø 98.5 mm blanks
Chemical Composition [Weight %]	
Polymethylmethacrylate (PMMA)	> 99
Residual monomer	< 1
Color pigments	< 1

* typical average values, measured according to the specified standard

Measure	OM2	OM3	Price (Euro/net)
98.5 x 16 mm	KML21716	KML21816	79,00
98.5 x 20 mm	KML21720	KML21820	84,00

Measure	A1	A2	A3	A3.5	A4	Price (Euro/net)
98.5 x 16 mm	KML20016	KML20116	KML20216	KML20316	KML20416	79,00
98.5 x 20 mm	KML20020	KML20120	KML20220	KML20320	KML20420	84,00

Measure	B1	B2	B3	B4	Price (Euro/net)
98.5 x 16 mm	KML20516	KML20616	KML20716	KML20816	79,00
98.5 x 20 mm	KML20520	KML20620	KML20720	KML20820	84,00

Measure	C1	C2	C3	C4	Price (Euro/net)
98.5 x 16 mm	KML20916	KML21016	KML21116	KML21216	79,00
98.5 x 20 mm	KML20920	KML21020	KML21120	KML21220	84,00

Measure	D2	D3	D4	Price (Euro/net)
98.5 x 16 mm	KML21316	KML21416	KML21516	79,00
98.5 x 20 mm	KML21320	KML21420	KML21520	84,00

Consult instructions for use.
Not all products are available in every country.

** Please ensure PMMA compatibility and follow the manufacturer's instructions.

DDpeekMED

the polymer steel



Medical PEEK

DD peek MED are biocompatible milling blanks based on the high-performance polymer polyetheretherketone.

Benefits

- Possible to bond to cold-curing polymers (PMMA) with bonder
- Extremely resilient
- Several colours for different applications

Technical data	
Material	Polyether ether ketone (PEEK)
Indication	Fixed or removable dental framework constructions (indicated for the long-term use in the oral cavity)
Flexural strength* ISO 20795-1	≥ 155 MPa
Flexual modulus* ISO 20795-1	≥ 3,8 GPa
Densitiy* ISO 1183	1,5 g/cm³
Water absorption* ISO 20795-1	0,0 µg/mm³
Solubility* ISO 20795-1	0,0 µg/mm³
CAM system	open systems for Ø 98.5 mm blanks

*Value determination based on DD peek MED natural

Chemical Composition [Weight %]				
	natural	white	dentine	gingiva
Polyetheretherketone (PEEK)	≥ 99,99	≥ 80	≥ 80	> 90
Titanium oxide	–	< 20	< 20	< 5
Further Additives	< 0,01	< 0,1	< 1	< 1



Measure	white	dentine	natural	gingiva	Price (Euro/net)
98.5 x 12 mm	K 3.01.12	K 3.02.12	K 3.03.12	K 3.04.12	190,00
98.5 x 14 mm	K 3.01.14	K 3.02.14	K 3.03.14	K 3.04.14	210,00
98.5 x 16 mm	K 3.01.16	K 3.02.16	K 3.03.16	K 3.04.16	230,00
98.5 x 18 mm	K 3.01.18	K 3.02.18	K 3.03.18	K 3.04.18	250,00
98.5 x 20 mm	K 3.01.20	K 3.02.20	K 3.03.20	K 3.04.20	270,00
98.5 x 23 mm	K 3.01.23	K 3.02.23	K 3.03.23	K 3.04.23	290,00
98.5 x 30 mm	K 3.01.30	K 3.02.30	K 3.03.30	K 3.04.30	350,00

Consult instructions for use.
Not all products are available in every country.

3D Print Materials



DDprintmodel

3D printing resin for dental models

DD print model 3D printing resin has been specially developed for use in dental laboratories and, due to its low viscosity, enables faster printing processes, easy cleaning and lower material consumption.

DD print model is available in two different colors:

cream: with a highly opaque, plaster-like finish, ideal for depicting the finest details.

grey: perfect for showcases

Benefits

- Short exposure time due to high material reactivity
- Low material consumption and easy cleaning due to low viscosity
- High strength models



Technical data	
3,5 % Bending stress DIN EN ISO 178	65,7 MPa
Bending strength DIN EN ISO 178	71,2 MPa
Bending strength with bending stress DIN EN ISO 178	4,38 %
Flexural modulus DIN EN ISO 178	2.484 MPa
Shore-hardness D DIN EN ISO 868	90
Viscosity	220 mPa-s
Wavelength range	385 – 405 nm

Article	Order-no.	Price (Euro/net)
DD print model cream, 1 kg	D010	179,00
DD print model grey, 1 kg	D012	179,00

Consult instructions for use.
Not all products are available in every country.

DDprintcast

3D printing resin for burn-out and pressable objects

DD print cast is a 3D printing resin for the fabrication of all types of castable indications. It can be burned out with virtually no residue and is also suitable for the fabrication of lithium disilicate dentures and is compatible with pressable ceramics.

Benefits

- Detailed and precise results
- Low expansion
- Residue-free burn-out
- Compatible with press ceramics

Article	Order-no.	Price (Euro/net)
DD print cast, 1 kg	D030	199,00

DDprintgingiva

3D printing resin for gingiva masks

DD print gingiva 3D print resin for gingiva masks offers a natural gingival color and excellent flexibility, which enables an aesthetically pleasing and precise application in dental technology.

Benefits

- High tear resistance and highly flexible
- Short curing time
- Real gum color
- Non-sticky

Article	Order-no.	Price (Euro/net)
DD print gingiva, 0,5 kg	D020	109,00

Consult instructions for use.
Not all products are available in every country.

Technical data	
3,5 % Bending stress DIN EN ISO 178	63,7 MPa
Bending strength DIN EN ISO 178	72,2 MPa
Bending strength with bending stress DIN EN ISO 178	5,03 %
Flexural modulus DIN EN ISO 178	2.498 MPa
Shore-hardness D DIN EN ISO 868	90
Viscosity	220 mPa-s
Wavelength range	385 – 405 nm

Cobalt-Chrome

06

DDBioCW

CoCr-based milling blank

DD Bio CW are CoCr-based milling blanks for the fabrication of metal frameworks for metal-ceramic crowns, bridges and fixed restorations. DD Bio CW blanks offer high processing reliability and guarantee precise milling results.

Excellent results are achieved by using a veneering ceramic that is matched to the CTE of the material using long-term cooling.

Benefits

- Highly resistant to corrosion
- Free from nickel, beryllium, indium and gallium
- Better millability due to lower Vickers hardness
- Very good polishing properties



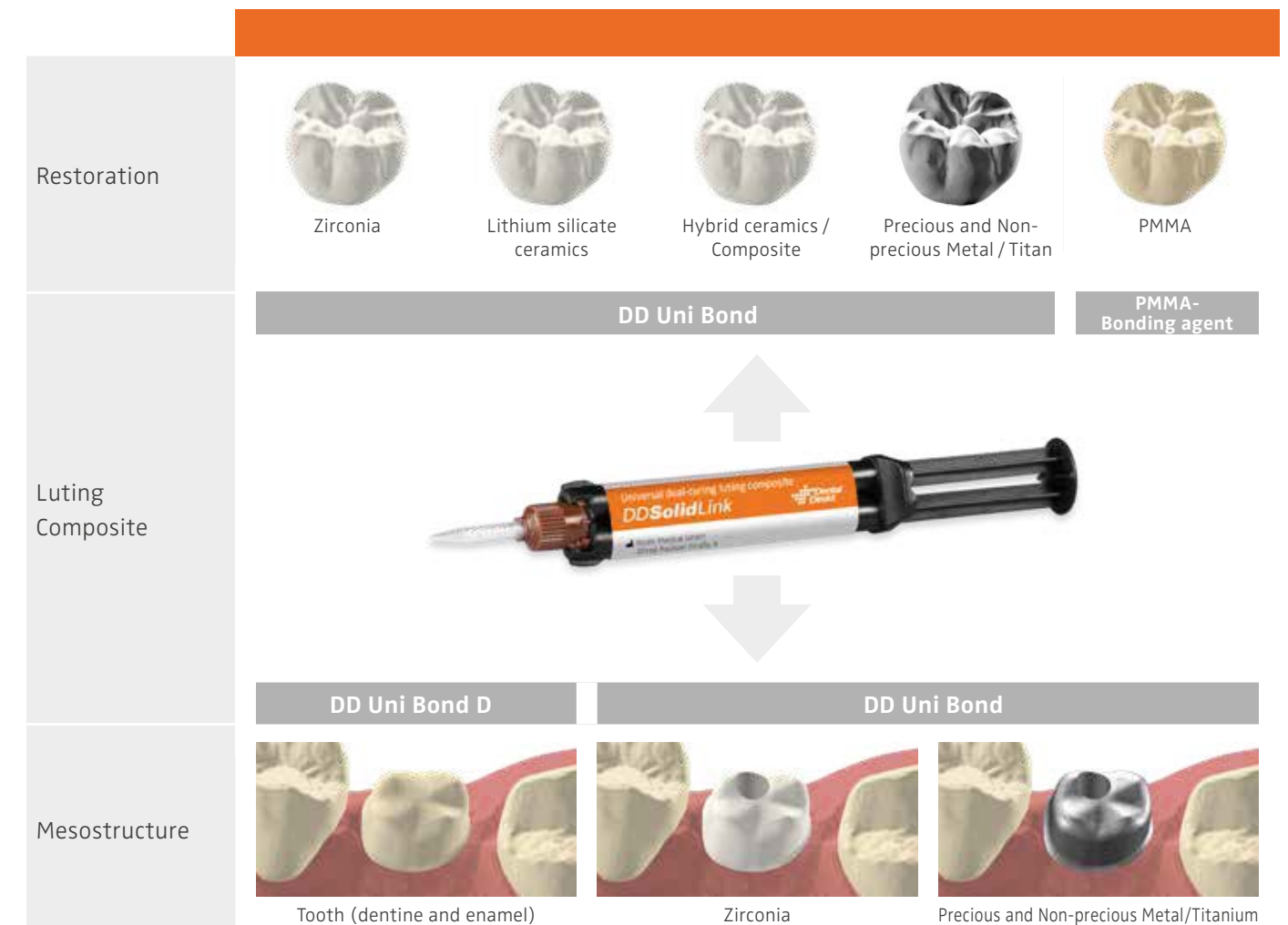
Technical data	
Density	8,4 g/cmc
Solidus-liquidus temperature	1.307– 1.417 °C
Melting point	1.470 °C
Yield load strength (Rp 0.2)	395 MPa
Elongation at break	11 %
Modulus of elasticity	233 GPa
Vickers hardness	255 HV10
CTE (25-500°C)	14.3· 10 ⁻⁶ K ⁻¹
CTE (25-600°C)	14.5· 10 ⁻⁶ K ⁻¹
Maximum firing temperature	980°C
Suggested ceramics	VITA VM13
CAM system	open systems for Ø 98.5 mm blanks
Luting system	DD Solid Link
Chemical composition [Weight %]	
Co	66
Cr	27
Mo	6
Others	Si, Mn

Measure	Order-no.	Price (Euro/net)
98.5 x 8 mm	G920	175,00
98.5 x 10 mm	G921	195,00
98.5 x 12 mm	G922	215,00
98.5 x 13,5 mm	G923	235,00
98.5 x 15 mm	G924	245,00
98.5 x 18 mm	G925	285,00
98.5 x 20 mm	G926	305,00
98.5 x 22 mm	G927	325,00
98.5 x 24,5 mm	G928	345,00

 Consult instructions for use.
Not all products are available in every country.

Luting Materials

Application overview



DDSolidLink

Universal dual-curing composite based luting for intra and extraoral use

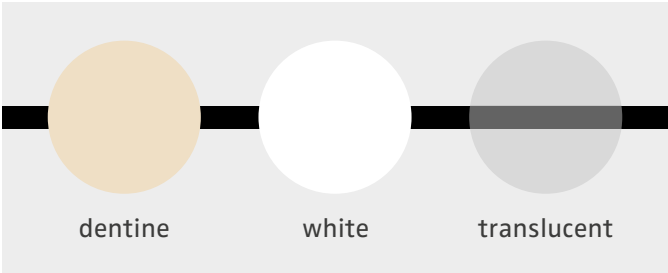
The DD Solid Link is a permanent luting solution for all common dental materials. Due to the reliable and precise luting is the fixation guaranteed. DD Solid Link forms the link between the sub- and suprastructures.

Benefits

- Permanent luting for the common dental materials
- Universal solution, for intra- and extraoral usage
- Perfect masking properties for discolored or titanium bases with highly opaque shades
- Working time approx. 2 min.
- Setting time extraoral (23 °C) approx. 7 min.
- Setting time intraoral (37 °C) approx. 4 min.

Three shades for the perfect color matching

The DD Solid Link is available in two highly opaque (white/high opaque and dentine/high opaque) colors and additionally in a translucent shade.



Content

- 10 g DD Solid Link
- 10 Mixing tips type 9
- Instructions for use

Luting composite

Article	Order-no. / 10 g	Price (euro/net)
DD Solid Link translucent	DDSLCT	108,00
DD Solid Link dentine high opaque	DDSLCD	108,00
DD Solid Link white high opaque	DDSLCW	108,00

Consult instructions for use.
Not all products are available in every country.



Technical data	
Indication	Permanent extra- and intraoral luting of suprastructures (incl. mesostructures) made of metal, ceramics, zirconium dioxide and polymers (composite, hybrid-ceramics or PMMA) • Prefabricated adhesive/titanium bases (only extraorally) • Customised titanium and zirconium dioxide abutments (extra- and intraorally) • Tooth structure
Chemical composition (in descending order according to content)	Barium aluminum borosilicate glass, Titanium dioxide, HEDMA, BisGMA, fluorosilicate glass, pyrogenic silicon dioxide, initiators, stabilizers, color pigments
3-Point flexural strength* ISO 4049	119 MPa
Shear Bond strength on zirconium dioxide** ISO/TS 29022	24.4 MPa
Shear Bond strength on titanium** ISO/TS 29022	25.1 MPa
Shear Bond strength on lithium disilicate** ISO/TS 29022	21.7 MPa

* after 24 h storage at 23° C ** with DD Uni Bond

DDUniBond

Bonding agent for ceramics, metal and composite

The one-component DD Uni Bond coupling agent provide a durable adhesive bonding between indirect restorations and DD Solid Link.

Benefits

- Creates optimal conditions for the permanent link
- Easy to use – no mixing necessary

Content

- 5 ml DD Uni Bond
- Instructions for use



Technical data	
Indication	DD Uni Bond is used as a coupling agent to achieve an optimal bond strength between indirect restorations made of either silicate ceramics, aluminium oxide, zirconium dioxide, metal or composite, as well as glass fibre-reinforced composite posts, on the one side and methacrylate-based luting composites on the other side.
Chemical composition	Organic acid, 3-methacryloxy-propyltrimethoxysilane and acetone

Article	Order-no.	Price (Euro/net)
DD Uni Bond, 5 ml	DDSLUB	77,00

Consult instructions for use.
Not all products are available in every country.

DDUniBondD

Bonding agent for the tooth structure

The DD Uni Bond D is a dual-curing, self-etching nano-composites reinforced bond for creating a durable bonding between the tooth structure and DD Solid Link. The DD Uni Bond D consists of 2 components.

Benefits

- Chemical bonding for areas where is light-curing not possible
- Eliminates the need for a separate etching step yet still achieves the same adhesive properties as total-etch bonds
- Tolerates residual moisture
- Durable marginal fitting

Content

- 4 ml Liquid 1
- 4 ml Liquid 2
- 50 single use brush / applicators
- 2 Mixing trays
- Instructions for use



Technical data	
Indication	Direct self-curing or dual-curing composite restorations and core build-ups
	Direct light-curing composite/ compomer/Ormocer®-based restorations
	Fixing of root pins/posts with dual-curing or self-curing composite cements
Chemical composition	Indirect restorations; when using dual-curing/self-curing composite cements for bonding of inlays, onlays, crowns and bridges
	Organic acids, Bis-GMA, HEMA, TMPTMA, campherchinon, amines (DABE), BHT, catalysts, fluoride and ethanol.

More Materials and Accessories

08

Article	Order-no.	Price (Euro/net)
DD Uni Bond D, 2 x 4 ml	DDSLUBD	123,00

Consult instructions for use.
Not all products are available in every country.

DDShadeGuide

Easy way for tooth shade matching

The DD Shade Guide is an advanced shade guide specially developed for use with the Dental Direkt restorative material of your choice and is optimally adapted to the laboratory workflow. The DD Shade Guide significantly simplifies the tooth shade determination process while increasing accuracy and efficiency in the dental laboratory and dental practice.

Flexibility in usage

The DD Shade Guide is available in two versions:

1. Fully equipped:

Delivered ready to use, the DD Shade Guide can be used immediately in practice. No time-consuming preparation or adjustment is required.

2. Unequipped for in-house production:

With this option, dental laboratories can mill and process their own zirconia or polymer teeth to achieve a result tailored to their individual conditions and working methods.

Benefits

- Flexibility: choice between ready-to-use DD Shade Guide or self-production
- Material-specific shade guide: Optimized for the zirconium oxides used
- Perfect reproducibility: 100% accuracy in color reproduction
- Elimination of transmission errors: Thanks to the specialized shade guide



Set content unequipped:



Article	Order-no.	Price (Euro/net)
DD Shade Guide, 19er – unequipped	ZD019	39,00
DD Shade Guide, 8er – unequipped	ZD008	29,00
DD Shade Guide, 19er – DD cubeX ² ® ML	ZD019.1	159,00
DD Shade Guide, 19er – Nacera® Pearl Natural	ZD019.2	169,00
DD Shade Guide, 19er – DD cubeY® HL	ZD019.3	169,00
DD Shade Guide, 19er – DD cube ONE® ML	ZD019.4	159,00
DD Shade Guide, 19er – DD poly Y ML	ZD019.7	99,00
DD Shade Guide, 8er – DD provi P HI	ZD008.8	39,00

 Consult instructions for use.
Not all products are available in every country.

DDcubecase

Sustainable splint box made from recycled Dental Direkt material!

DD cube case is the ideal solution for shipping standard dental work such as bite splints. Focus on sustainability without compromising on quality and functionality. The case is made from leftover blanks of our medical polymer products.

Benefits

- Sustainable and high quality
- Practical design
- Functional & safe
- Durable



Technical data	
Material	100% recycled medical polymer (PMMA or PCT-G)
Dimensions	inside: 8 x 2 cm / outside: 9.1 x 2.6 cm
Color variety	orange, black, colorless
Set	Set contains 10 splint boxes

Standard Surface printing

For purchase quantities up to 120 splint boxes, you will receive the DD surface print “cube teeth for tomorrow”



Customizable Surface printing

From a purchase quantity of 120 splint boxes, you will receive your logo individually printed on the box

Measure	orange/ orange	colorless	black/ black	orange/ colorless	black/ colorless	Price (Euro/net)
10 Pcs. (1 set)	ZK010	ZK020	ZK030	ZK040	ZK050	9,90
from 120 Pcs. (12 sets)	ZK011	ZK021	ZK031	ZK041	ZK051	118,80

 Consult instructions for use.
Not all products are available in every country.

DDcamWAX

Wax for casting technique

Synthetic wax blanks utilised for the production of combustible wax frameworks that leave no residue. DD CAM wax blanks are distinguished by excellent milling properties and form a fine chip during the machining that does not clog milling cutters (non-medical product).



Specification			
CAM system	open systems for Ø 98.5 mm blanks		
Measure	Order-no.	Color	Price (Euro/net)
98.5 x 20 mm	G 529	grey	32,00

DDcalibrationdisc

The DD calibration disc made of polyurethane is used to calibrate your milling machine. After milling a special calibration body, you measure them and enter these values into the program. The milling machine will guide you through the calibration process step by step (non-medical product).



Specification			
CAM system	open systems for Ø 98.5 mm blanks		
Measure	Order-no.	Color	Price (Euro/net)
98.5 x 15 mm	G 944	brown	22,00

 Consult instructions for use.
Not all products are available in every country.

DDphoeniX

reviving cleaning powder

Despite careful consideration of all important aspects of the laboratory process, discoloration and contamination of the objects may occur. A frequent reason for this are oxidic from the heating elements and their deposition in the furnace chamber.

Due to its special granulation, the DD phoeniX cleaning powder has a very reactive surface, which attracts the oxides in the furnace chamber and binds them permanently. Thus supports efficiently the cleaning process.



Benefits

- No molybdenum-caused green discoloration of the sintered objects
- Binds the contaminations from the furnace atmosphere and supports the cleaning
- Regular use increases the color consistency and reproducibility of your results

Important note

Among the high-temperature furnaces for dental use mainly furnaces with heating elements made of molybdenum disilicide (MoSi₂) are affected by oxidic precipitation and discoloration. The sintering furnaces available from Dental Direkt heat with siliciumcarbide heating elements (SiC). Discoloration or contamination are not caused by SiC heating elements.

Article	Order-no.	Price (Euro/net)
DD phoeniX bottle à 200 g	Z 010	74,00

 Consult instructions for use.
Not all products are available in every country.

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