

ZIROCK

PREMIUM ZIRCONIA DISCS



ENGLISH EDITION 1.00



TRESSIS ITALIA srl

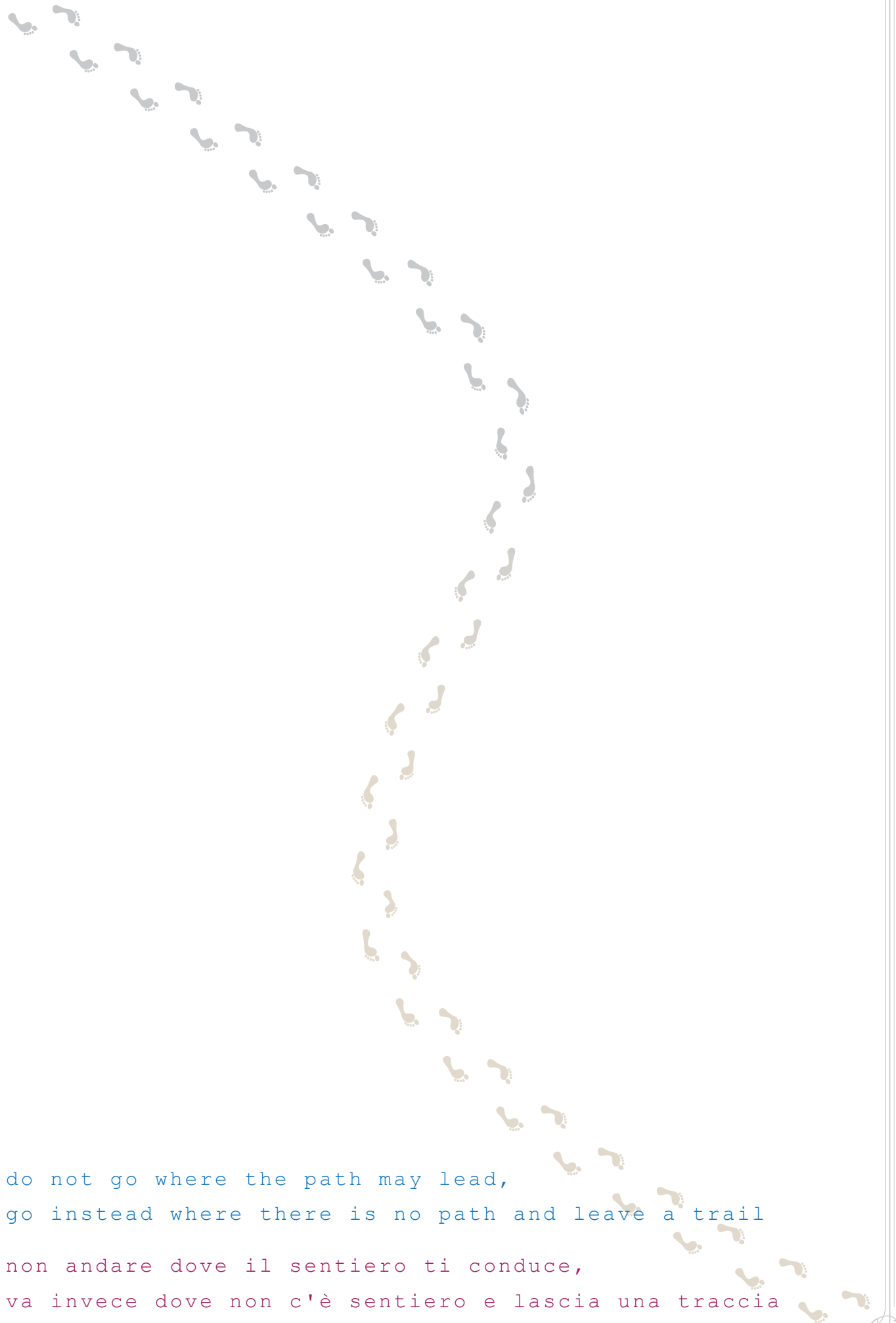
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do not go where the path may lead,
go instead where there is no path and leave a trail

non andare dove il sentiero ti conduce,
va invece dove non c'è sentiero e lascia una traccia

Designed by Tressis Italia in Conegliano 



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Tressis Italia presents **ZiROCK** a range of high quality zirconia discs.

Ideal for both aesthetic and restorative uses, **ZiROCK** discs are made with the most advanced technologies to meet the highest aesthetic needs.

ZiROCK discs offer maximum stability and aesthetic results, i.e. they represent the technological avant-garde of laboratory millable materials.

ZiROCK discs are in the families:

- **ZiROCK HS** - High Strength;
- **ZiROCK ST** - Super Traslucent;
- **ZiROCK ML UT** - MultiLayer Ultra Traslucent;
- **ZiROCK ML 3D** - Progressive MultiLayer 3D;
- **ZiROCK ML XT** - Progressive MultiLayer Extra;

ZiROCK discs are available in diameter Ø98 mm.

There is a **ZiROCK** disc for every aesthetic and structural need of your laboratory.



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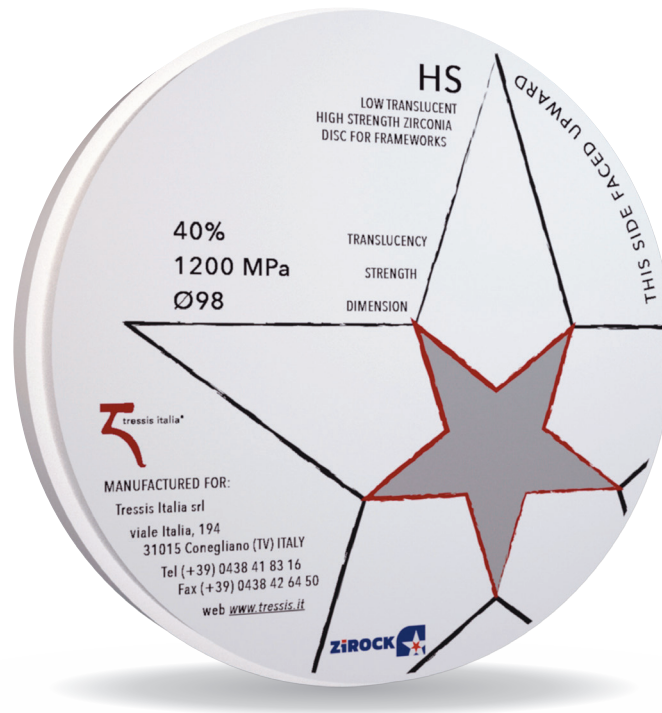
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ZiROCK HS



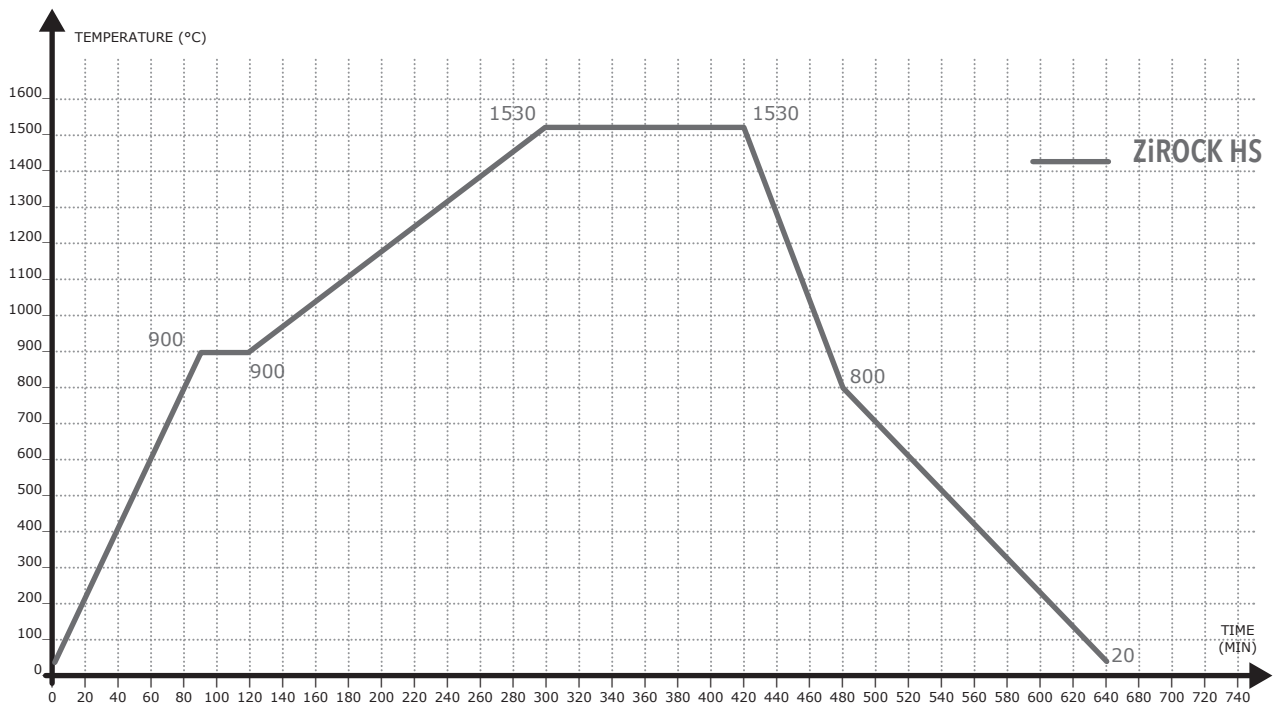
ZiROCK HS are white, undyed, single-layer discs with high opacity and low translucency.

ZiROCK HS are ideal for making structures in the four quadrants without limitations, single elements, long and short bridges to be veneered with ceramic layering.

TRANSLUCENCY:	40%
ELASTIC MODULE:	≥1200 MPa
THICKNESSES AVAILABLE:	14 - 16 - 18 - 20 - 22 - 25
DIAMETER:	Ø98 (with step)
AVAILABLE COLORS:	WHITE

COLORS MATCH:





Different ovens may have different performances, it is recommended to carry out a test sintering on first use with each type of disc used and/or if different discs are used than usual.

DO NOT REMOVE the elements until they have reached the indicated cooling temperature; for greater safety, especially in the case of many elements sintered together and/or very large elements and/or long bridges, it is advisable to increase the cooling times of PHASE 5 and PHASE 6 and not to open the sintering furnace until the room temperature.

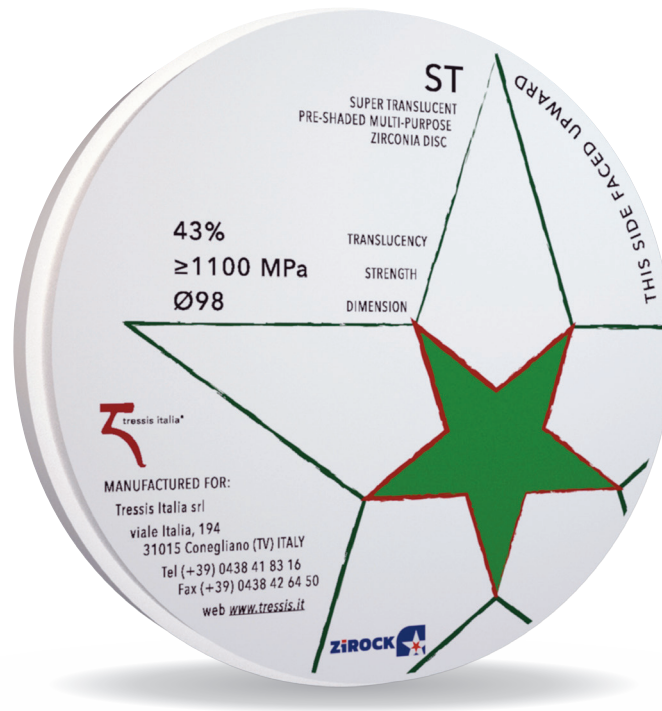
ATTENTION to possible drafts, especially to air conditioning currents in the summer.

ATTENTION try to avoid, as far as possible, thermal shocks in all stages of processing.

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	900	90	9.8
PHASE 2	900	900	30	0
PHASE 3	900	1530	180	3.5
PHASE 4	1530	1530	120	0
PHASE 5	1530	800	60	-12.2
PHASE 6	800	20	160	-4.8

CYCLE FOR ZIRCONIA ZIROCK HS DISCS

ZiROCK ST



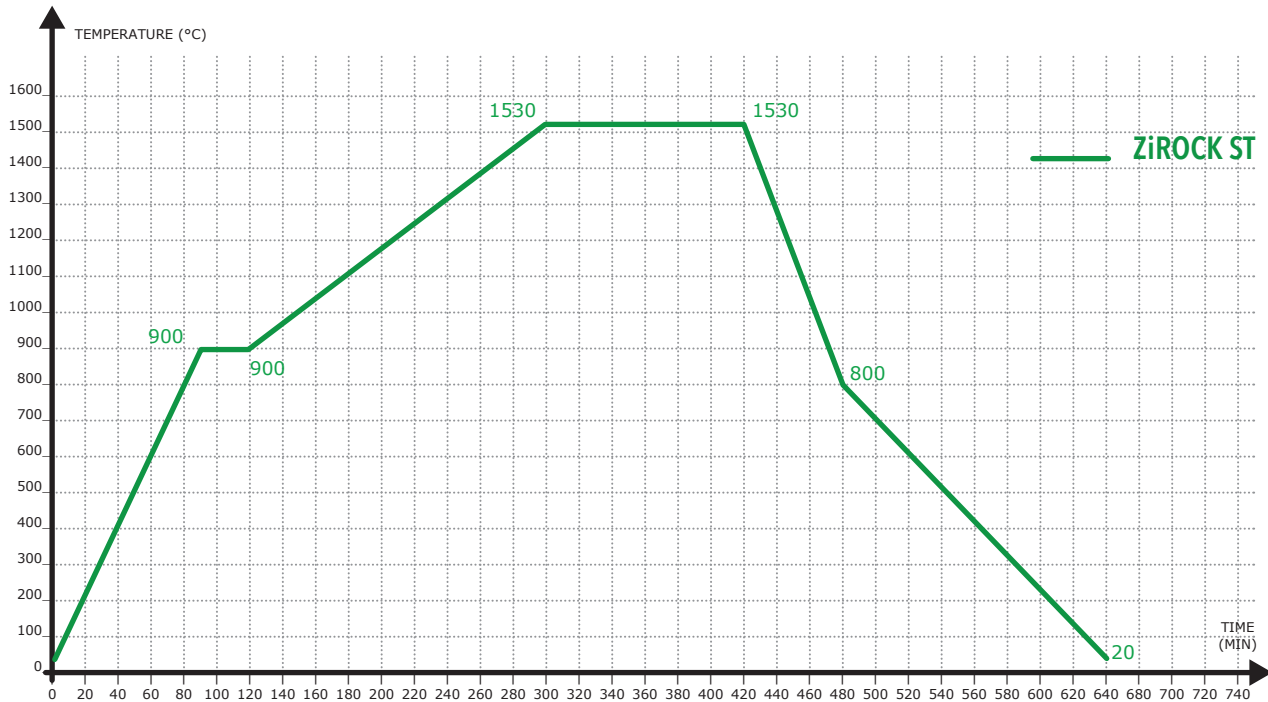
ZiROCK ST are single-layer pre-colored discs, with intermediate opacity and translucency, available in A-D shades.

ZiROCK ST are ideal for making structures to be ceramicized in the four quadrants without limitations, they can also be used for making anterior and posterior monolithic elements and bridges.

TRANSLUCENCY:	43%
ELASTIC MODULE:	≥1100 MPa
THICKNESS AVAILABLE:	14 - 16 - 18 - 20 - 22 - 25
DIAMETER:	Ø98 (with step)
AVAILABLE COLORS:	BLC - A1 - A2 - A3 - A3.5 B1 - B2 - B3 - C1 - C2 - C3 - D2 - D3

COLORS MATCH:

BLC A0 - B0	A1 A1	A2 A2	A3 A3	A3.5 A3.5 - A4
	B1 B1	B2 B2	B3 B3 - B4	
	C1 C1	C2 C2	C3 C3 - C4	
		D2 D2	D3 D3 - D4	



Different ovens may have different performances, it is recommended to carry out a test sintering on first use with each type of disc used and/or if different discs are used than usual.

DO NOT REMOVE the elements until they have reached the indicated cooling temperature; for greater safety, especially in the case of many elements sintered together and/or very large elements and/or long bridges, it is advisable to increase the cooling times of PHASE 5 and PHASE 6 and not to open the sintering furnace until the room temperature.

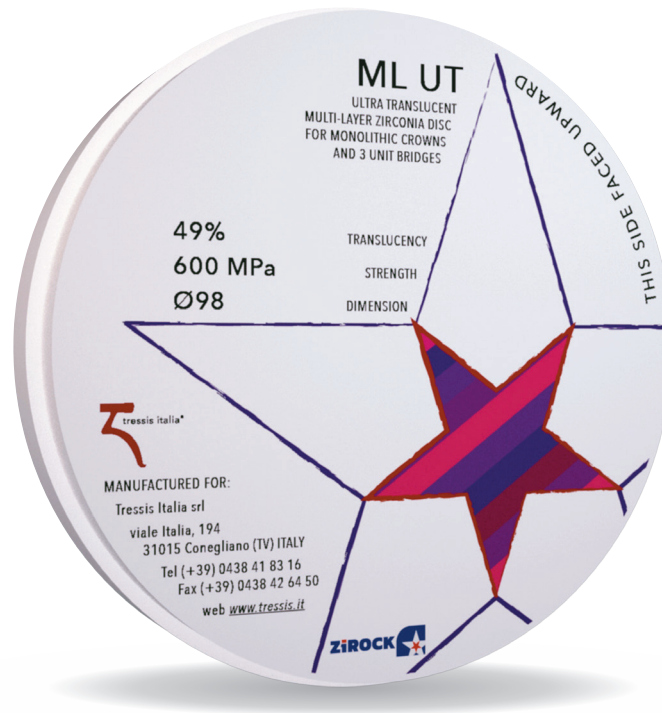
ATTENTION to possible drafts, especially to air conditioning currents in the summer.

ATTENTION try to avoid, as far as possible, thermal shocks in all stages of processing.

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	900	90	9.8
PHASE 2	900	900	30	0
PHASE 3	900	1530	180	3.5
PHASE 4	1530	1530	120	0
PHASE 5	1530	800	60	-12.2
PHASE 6	800	20	160	-4.8

CYCLE FOR ZIRCONIA ZIROCK ST DISCS

ZiROCK UT ML



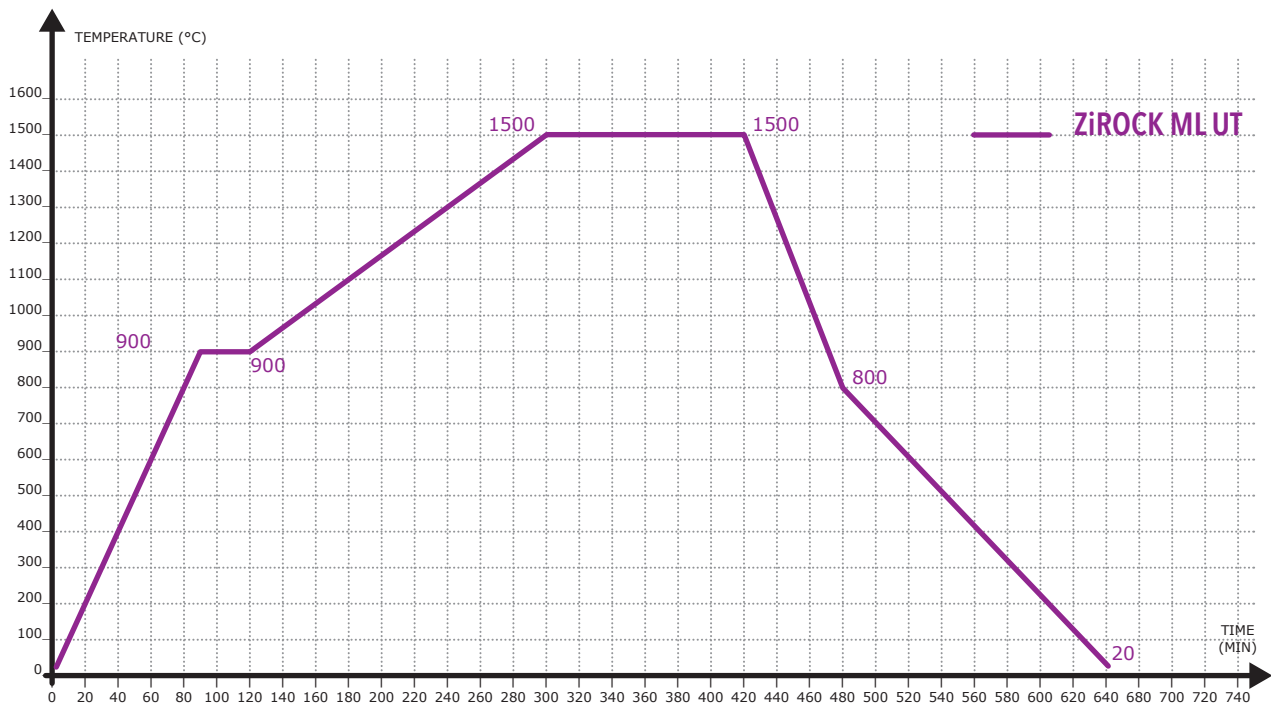
ZiROCK UT ML are multi-layer discs (6 layers) with shading towards the incisal third, available in A-D colouring.

ZiROCK UT ML discs have a good elastic modulus and very high translucency and can be used as a valid aesthetic alternative to lithium silicate restorations. Unrestricted single units and three (3) anterior unit bridges up to the second premolar can be fabricated with ZiROCK UT ML discs.

TRANSLUCENCY:	49%
ELASTIC MODULE:	≥600MPa
THICKNESS AVAILABLE:	14 - 16 - 18 - 20 - 22 - 25
DIAMETER:	Ø98 (sagomato)
AVAILABLE COLORS:	BLC - A1 - A2 - A3 - A3.5 - A4 - B1 - B2 - B3 C1 - C2 - C3 - D2 - D3

COLOR MATCH:

BLC A0 - B0	A1 A1	A2 A2	A3 A3	A3.5 A3.5 - A4
	B1 B1	B2 B2	B3 B3 - B4	
	C1 C1	C2 C2	C3 C3 - C4	
		D2 D2	D3 D3 - D4	



Different ovens may have different performances, it is recommended to carry out a test sintering on first use with each type of disc used and/or if different discs are used than usual.

DO NOT REMOVE the elements until they have reached the indicated cooling temperature; for greater safety, especially in the case of many elements sintered together and/or very large elements and/or long bridges, it is advisable to increase the cooling times of PHASE 5 and PHASE 6 and not to open the sintering furnace until the room temperature.

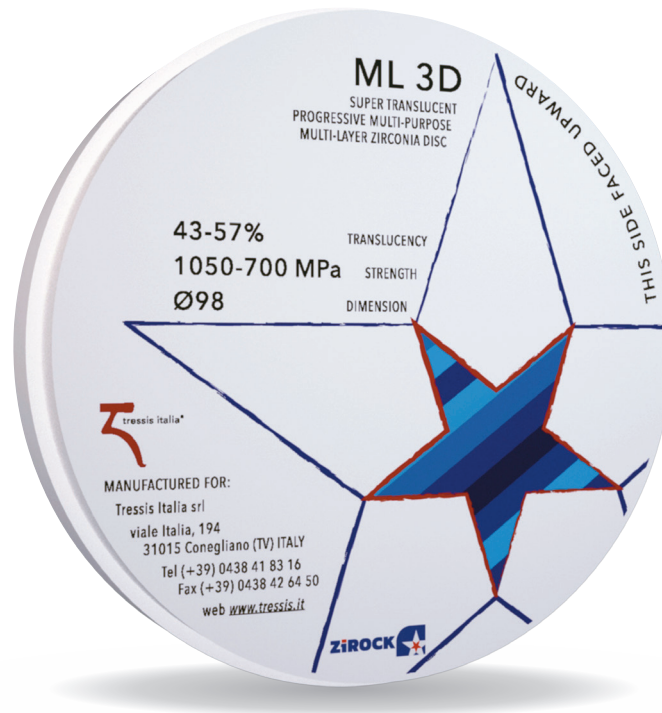
ATTENTION to possible drafts, especially to air conditioning currents in the summer.

ATTENTION try to avoid, as far as possible, thermal shocks in all stages of processing.

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	900	90	9.8
PHASE 2	900	900	30	0
PHASE 3	900	1500	180	3.5
PHASE 4	1500	1500	120	0
PHASE 5	1500	800	60	-11.6
PHASE 6	800	20	160	-4.8

CYCLE FOR ZIRCONIA ZIROCK UL ML DISCS

ZIROCK 3D ML

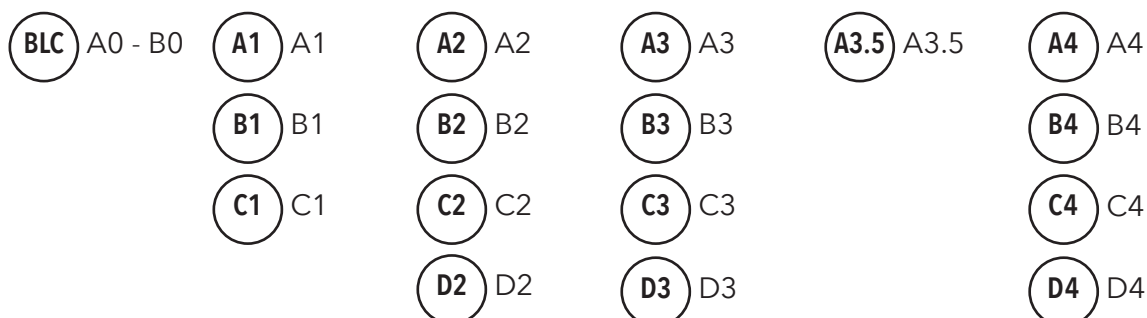


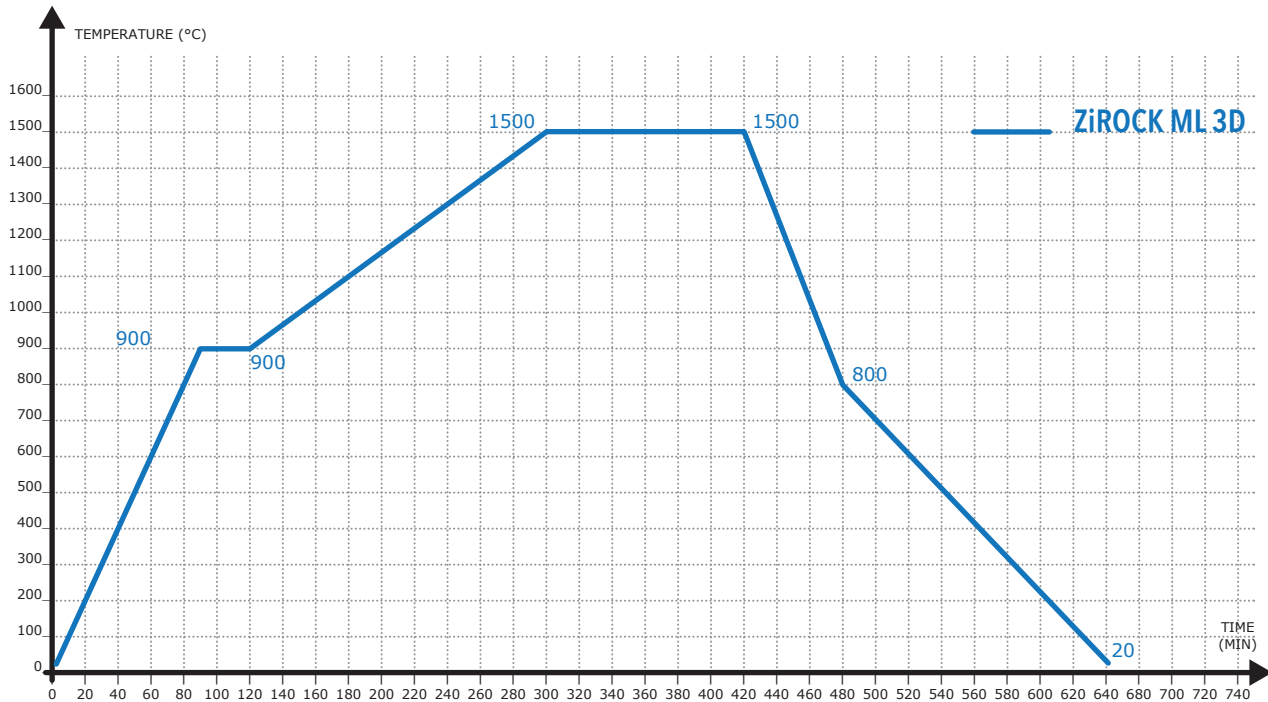
ZIROCK 3D ML are multilayer discs (six layers) with a gradient color towards the incisal third, available in A-D shades.

ZIROCK 3D ML discs have a progressive elastic modulus and translucency starting from 1050 MPa in the cervical area to 700 MPa in the incisal area, this allows the creation of structures to be ceramicized in the four quadrants without limitations, anterior and posterior monolithic elements and bridges.

TRANSLUCENCY:	43% cervical - 57% incisal
ELASTIC MODULE:	≥1050 MPa cervical - ≥700 MPa incisal
THICKNESS AVAILABLE:	14 - 16 - 18 - 20 - 22 - 25
DIAMETER:	Ø98 (with step)
AVAILABLE COLOR:	BLC - A1 - A2 - A3 - A3.5 - A4 - B1 - B2 - B3 C1 - C2 - C3 - D2 - D3

COLOR MATCH:





Different ovens may have different performances, it is recommended to carry out a test sintering on first use with each type of disc used and/or if different discs are used than usual.

DO NOT REMOVE the elements until they have reached the indicated cooling temperature; for greater safety, especially in the case of many elements sintered together and/or very large elements and/or long bridges, it is advisable to increase the cooling times of PHASE 5 and PHASE 6 and not to open the sintering furnace until the room temperature.

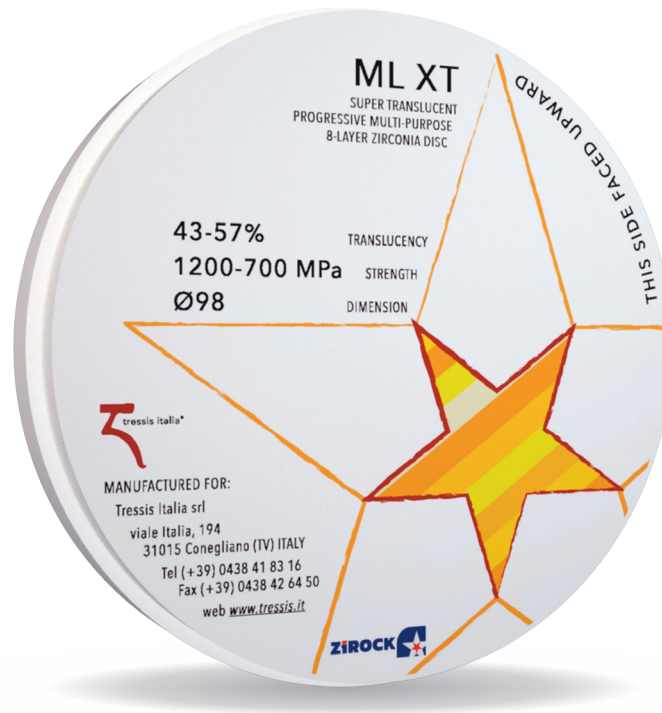
ATTENTION to possible drafts, especially to air conditioning currents in the summer.

ATTENTION try to avoid, as far as possible, thermal shocks in all stages of processing.

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	900	90	9.8
PHASE 2	900	900	30	0
PHASE 3	900	1500	180	3.5
PHASE 4	1500	1500	120	0
PHASE 5	1500	800	60	-11.6
PHASE 6	800	20	160	-4.8

CYCLE FOR ZIRCONIA ZIROCK 3D ML DISCS

ZiROCK XT ML

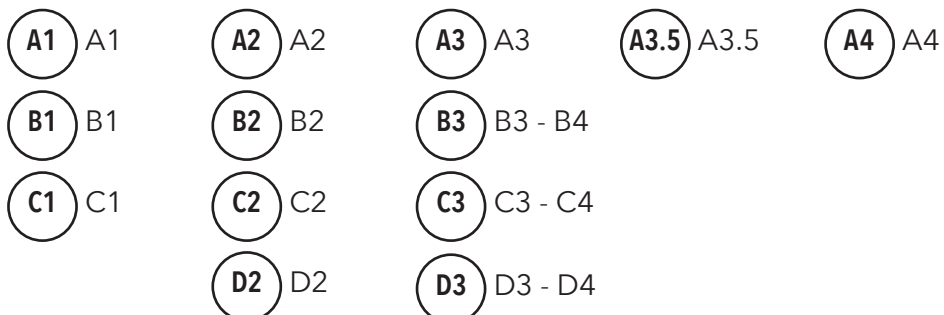


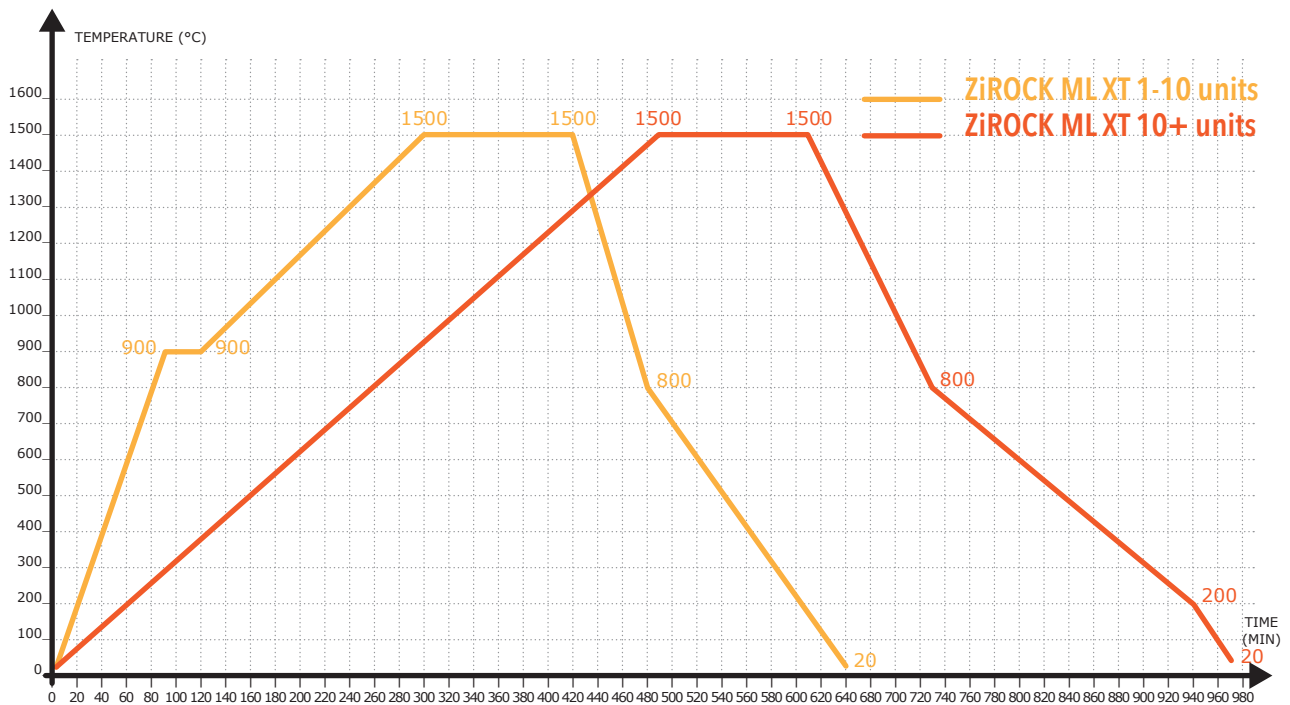
ZiROCK XT ML are multilayer discs (8 layers) with a gradient color towards the incisal third, available in A-D shades.

ZiROCK XT ML discs have a progressive elastic modulus and translucency starting from 1200 MPa in the cervical area to 700 MPa in the incisal area, this allows the creation of structures to be ceramicized in the four quadrants without limitations, anterior and posterior monolithic elements and bridges.

TRANSLUCENCY:	43% cervical - 57% incisal
ELASTIC MODULE:	≥1200 MPa cervical - ≥700 MPa incisal
THICKNESS AVAILABLE:	14 - 16 - 18 - 20 - 22 - 25
DIAMETER:	Ø98 (with step)
AVAILABLE COLORS:	A1 - A2 - A3 - A3.5 - A4 - B1 - B2 - B3 C1 - C2 - C3 - D2 - D3

COLOR MATCH:





Different ovens may have different performances, it is recommended to carry out a test sintering on first use with each type of disc used and/or if different discs are used than usual.

DO NOT REMOVE the elements until they have reached the indicated cooling temperature; for greater safety, especially in the case of many elements sintered together and/or very large elements and/or long bridges, it is advisable to increase the cooling times of PHASE 5 and PHASE 6 and not to open the sintering furnace until the room temperature.

If sintering more than 11 elements at once and/or very long bridges, pay attention to the heating and cooling phases, using the specific program shown below.

ATTENTION to possible drafts, especially to air conditioning currents in the summer.

ATTENTION try to avoid, as far as possible, thermal shocks in all stages of processing.

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	900	90	9.8
PHASE 2	900	900	30	0
PHASE 3	900	1500	180	3.5
PHASE 4	1500	1500	120	0
PHASE 5	1500	800	60	-11.6
PHASE 6	800	20	160	-4.8

CYCLE FOR 1-10 ELEMENTS ZIRCONIA ZIROCK XT ML

SINTERING PHASE	START °C	END °C	TIME min.	HEAT RATE °C / min.
PHASE 1	20	1500	493	3
PHASE 2	1500	1500	120	0
PHASE 3	1500	800	117	-6
PHASE 4	800	200	210	-2,9
PHASE 5	200	20	30	-6

CYCLE FOR 11+ ELEMENTS ZIRCONIA ZIROCK XT ML

HOW TO CHOOSE THE TIGHT DISC

The line of **ZIROCK** zirconia discs offers extraordinary processing possibilities allowing the dental technician to achieve highly aesthetic results in a very simple and fast way.

The extremely faithful and natural coloring of the **ZIROCK** discs allows the technician to obtain highly aesthetic results starting from the structure: by pre-visualizing the final result it is possible to create monolithic aesthetic elements and finalize them using the **Natural CRYSTAL** ceramic micro-stratification technique in just a few and simple steps.

If you are looking for the maximum aesthetic result and total customization of the restoration, you can use the **ZIROCK** zirconia discs to create anatomically reduced structures to be veneered with **Natural ZiR** ceramic.

Whether it is monolithic elements or ceramic-coated structures, **ZIROCK** discs offer a highly aesthetic and totally customizable solution, to choose the best **ZIROCK** disc for your restoration refer to table 16.1.

For **ZIROCK UT ML**, **ZIROCK 3D ML** and **ZIROCK XT ML** multilayer discs refer to tables 18.1, 18.2 and 18.3 on page 18 to analyze the relationship between shade, shade area thickness, translucency and flexural strength.

TAB. 16.1 - ZIROCK disk selection

ZIROCK DISC	MONOLITHIC ANATOMICAL ELEMENTS				STRUCTURE TO BE CERAMIZED	
	SINGLE FRONTAL	BRIDGE FRONTAL	SINGLE REAR	BRIDGE REAR	FRONTAL	REAR
HS	✗	✗	✗	✗	✓	✓
ST	✓ ¹	✓ ¹	✓	✓	✓	✓
3D ML	✓	✓	✓	✓	✓	✓
XT ML	✓	✓	✓	✓	✓	✓
UT ML	✓	✓ ²	✓	✗	✗	✗

- ✓ : the restoration can be finalized as desired with the layering technique with **Natural ZiR** and/or with the aesthetic micro-stratification technique with **Natural CRYSTAL**.
- ✓¹ : if space is sufficient, perform a deep buccal **CUT BACK** and finalize esthetically with **Natural ZiR** layering ceramic powder. In limited space, reduce the buccal area by 0.2 mm and finalize with **Natural CRYSTAL** gel micro-layering ceramic.
- ✓² : frontal bridges made with **ZIROCK UT ML** must be of a maximum of three (3) units with one element pontic, up to the second premolar; **ZIROCK UT ML** is not suitable for fabricating posterior bridges or extensions.



Natural

CERAMIC
SYSTEM

Natural Ceramic System is the most complete range of dental ceramics for the success of your laboratory:

DSL lithium silicate ingots for pressing.

HT ceramic for traditional alloys, suitable for layering on alloy and integral pressed structures.

LF ceramic for universal alloys, suitable for layering and pressing on alloy and all-ceramic frameworks.

ZiR special ceramic for zirconium and lithium silicate for layering and pressing on zirconium and integral frameworks.

STAINS complete range of universal fluorescent stains, available in powder and paste.

GLAZE FX line of glazes in powder, paste, spray; traditional and highly fluorescent.

MASTER SET special colored masses to create off-scale elements A-D.

THE ONE the original single mass for layering for alloys and zirconium.

MICRO-LAYER special powders and pastes for micro-stratification on monolithic zirconia and lithium silicate.

CRYSTAL complete set of special pastes for micro-stratification on monolithic zirconia, pressed and milled lithium silicate, and traditional metal-ceramics.

Natural Ceramic System: the Italian style of dental ceramics.

- www.naturalceramic.it - www.naturalceramic.com - www.naturalceramic.eu - www.naturalceramic.it - www.naturalceramic.com - www.naturalceramic.eu -



DENTAL CERAMIC



ITALIAN STYLE

Natural
CERAMIC
SYSTEM

CE 0546

THE MULTI-LAYER COLORING

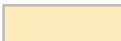
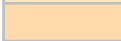




For **ZIROCK UT ML**, **ZIROCK 3D ML** and **ZIROCK XT ML** multi-layer discs, refer to tables 18.1, 18.2 and 18.3 for the relationship between thickness, shade, translucency and elastic modulus.

The use of a **ZIROCK** multilayer disc allows the creation of monolithic restorations ever closer to the final result, making the dental technician's work easier and faster to achieve.







An element milled from a **ZIROCK ML** multilayer disc has a complex chromatic response similar to a natural tooth and requires a very small amount of ceramic material to obtain an absolutely realistic result.

The **UT ML**, **3D ML** and **XT ML** multilayer discs are particularly suitable for the creation of micro-stratified monolithic structures with the special **CRYSTAL** paste ceramic from **Natural Ceramic System**: with a thickness of only 0.1 - 0.2 mm it is possible to recreate both the diffusion typical of traditional stratified ceramics and the surface texture, enormously increasing the natural effect of the restoration.

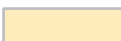







TAB. 18.1 - 6-layer **ZIROCK UT ML** Multi Layerdisc structure

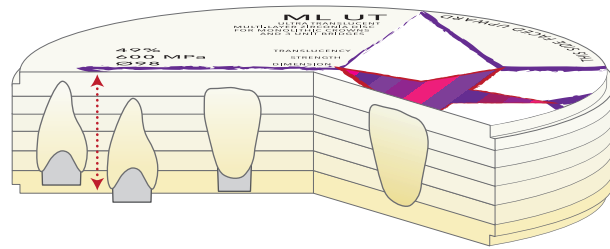
	LAYER	THICKNESS	TRANSLUCENCY	ELASTIC MODULE
	Layer 1	20%	49%	≥600 MPa
	Layer 2	15%	49%	≥600 MPa
	Layer 3	15%	49%	≥600 MPa
	Layer 4	15%	49%	≥600 MPa
	Layer 5	15%	49%	≥600 MPa
	Layer 6	20%	49%	≥600 MPa

TAB. 18.2 - 6-layer **ZIROCK 3D ML** Multi Layerdisc structure

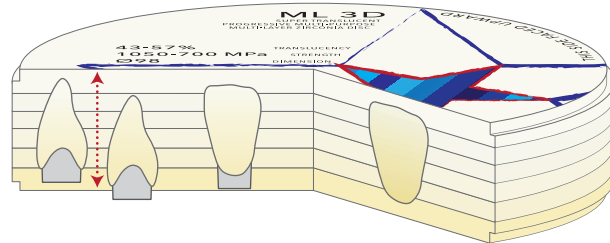
	LAYER	THICKNESS	TRANSLUCENCY	ELASTIC MODULE
	Layer 1	20%	57%	≥700 MPa
	Layer 2	15%	55%	≥760 MPa
	Layer 3	15%	53%	≥830 MPa
	Layer 4	15%	50%	≥890 MPa
	Layer 5	15%	47%	≥960 MPa
	Layer 6	20%	43%	≥1050 MPa

TAB. 18.3 - 2-layer **ZIROCK XT ML** Multi Layerdisc structure

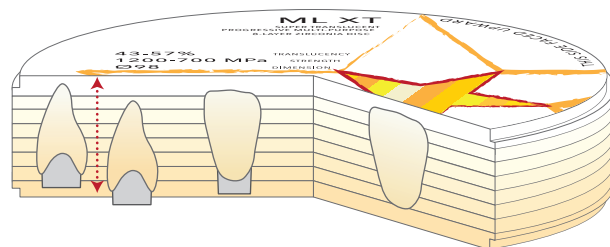
	LAYER	THICKNESS	TRANSLUCENCY	ELASTIC MODULE
	Layer 1	15%	57%	≥700 MPa
	Layer 2	10%	56%	≥750 MPa
	Layer 3	12%	54%	≥820 MPa
	Layer 4	12%	52%	≥890 MPa
	Layer 5	12%	50%	≥960 MPa
	Layer 6	12%	48%	≥1030 MPa
	Layer 7	12%	46%	≥1100 MPa
	Layer 8	15%	43%	≥1200 MPa



ZIROCK PREMIUM QUALITY ZIRCONIA BLOCKS UT ML	CERVALE		DENTALE			INCISALE
	I LAYER 20%	II LAYER 15%	III LAYER 15%	IV LAYER 15%	V LAYER 15%	VI LAYER 20%
ELASTIC MODULE (MPa)	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600
TRANSLUCENCY	49%	49%	49%	49%	49%	49%
H= 14	2,80mm	2,10mm	2,10mm	2,10mm	2,10mm	2,80mm
H= 16	3,20mm	2,40mm	2,40mm	2,40mm	2,40mm	3,20mm
H= 18	3,60mm	2,70mm	2,70mm	2,70mm	2,70mm	3,60mm
H= 20	4,00mm	3,00mm	3,00mm	3,00mm	3,00mm	4,00mm
H= 22	4,40mm	3,30mm	3,30mm	3,30mm	3,30mm	4,40mm
H= 25	5,00mm	3,75mm	3,75mm	3,75mm	3,75mm	5,00mm



ZIROCK PREMIUM QUALITY ZIRCONIA BLOCKS 3D ML	CERVICAL		DENTINAL			INCISAL
	I LAYER 20%	II LAYER 15%	III LAYER 15%	IV LAYER 15%	V LAYER 15%	VI LAYER 20%
ELASTIC MODULE (MPa)	≥ 1050	≥ 960	≥ 890	≥ 830	≥ 760	≥ 700
TRANSLUCENCY	43%	47%	50%	53%	55%	57%
H= 14	2,80mm	2,10mm	2,10mm	2,10mm	2,10mm	2,80mm
H= 16	3,20mm	2,40mm	2,40mm	2,40mm	2,40mm	3,20mm
H= 18	3,60mm	2,70mm	2,70mm	2,70mm	2,70mm	3,60mm
H= 20	4,00mm	3,00mm	3,00mm	3,00mm	3,00mm	4,00mm
H= 22	4,40mm	3,30mm	3,30mm	3,30mm	3,30mm	4,40mm
H= 25	5,00mm	3,75mm	3,75mm	3,75mm	3,75mm	5,00mm



ZIROCK PREMIUM QUALITY ZIRCONIA BLOCKS XT ML	CERVICAL		DENTINAL				INCISAL	
	I LAYER 15%	II LAYER 10%	III LAYER 12%	IV LAYER 12%	V LAYER 12%	VI LAYER 12%	VII LAYER 12%	VIII LAYER 15%
ELASTIC MODULE (MPa)	≥ 1200	≥ 1100	≥ 1030	≥ 960	≥ 890	≥ 820	≥ 750	≥ 700
TRANSLUCENCY	43%	46%	48%	50%	52%	54%	56%	57%
H= 14	2,10mm	1,40mm	1,68mm	1,68mm	1,68mm	1,68mm	1,68mm	2,10mm
H= 16	2,40mm	1,60mm	1,92mm	1,92mm	1,92mm	1,92mm	1,92mm	2,40mm
H= 18	2,70mm	1,80mm	2,16mm	2,16mm	2,16mm	2,16mm	2,16mm	2,70mm
H= 20	3,00mm	2,00mm	2,40mm	2,40mm	2,40mm	2,40mm	2,40mm	3,00mm
H= 22	3,30mm	2,20mm	2,64mm	2,64mm	2,64mm	2,64mm	2,64mm	3,30mm
H= 25	3,75mm	2,50mm	3,00mm	3,00mm	3,00mm	3,00mm	3,00mm	3,75mm

POSITIONING OF THE DISC

When positioning a **ZiROCK ML** (multilayer) zirconium disc in the housing of a CAM milling machine, pay attention to the direction of insertion: the arrow on the edge of the disc, highlighted in blue in image 20.1, indicates the face of the disc to be positioned towards the top, i.e. the face towards which the enamel area develops.

The **ZiROCK** logo and the wording "THIS SIDE FACED UPWARD" are always positioned on the incisal face of the disc, while the cervical face is always white.



fig. 20.1

POSITIONING OF THE ELEMENTS

Choose the thickness of the **ZiROCK** zirconia disc appropriate to the type of restoration to be made, taking into account the maximum vertical dimension of the restoration.

For a correct choice of **ZiROCK** disc, select the closest height, rounded up, considering the following proportion:

$$\begin{array}{l} \text{THICKNESS} \\ \text{OF THE} \\ \text{RESTORATION} \end{array} \approx \begin{array}{l} \text{DISK THICKNESS} \\ \text{-----} \\ \text{\% SHRINKAGE} \end{array} + 1 \text{ mm (safety space)}$$

For greater safety during the milling phase, it is recommended to leave a minimum thickness of 0.5 mm between the restoration to be milled and the upper and lower surfaces of the disc, as shown in image 20.2.

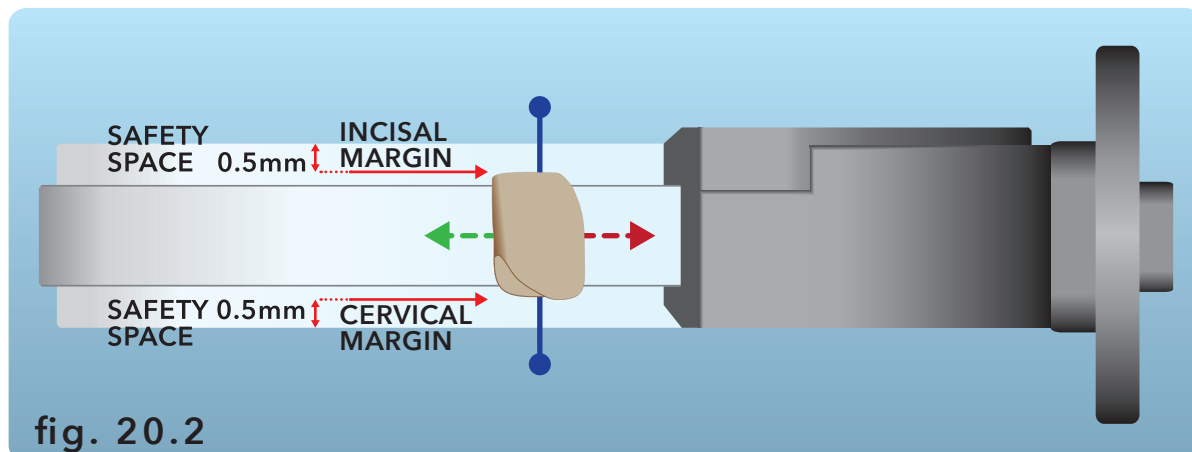
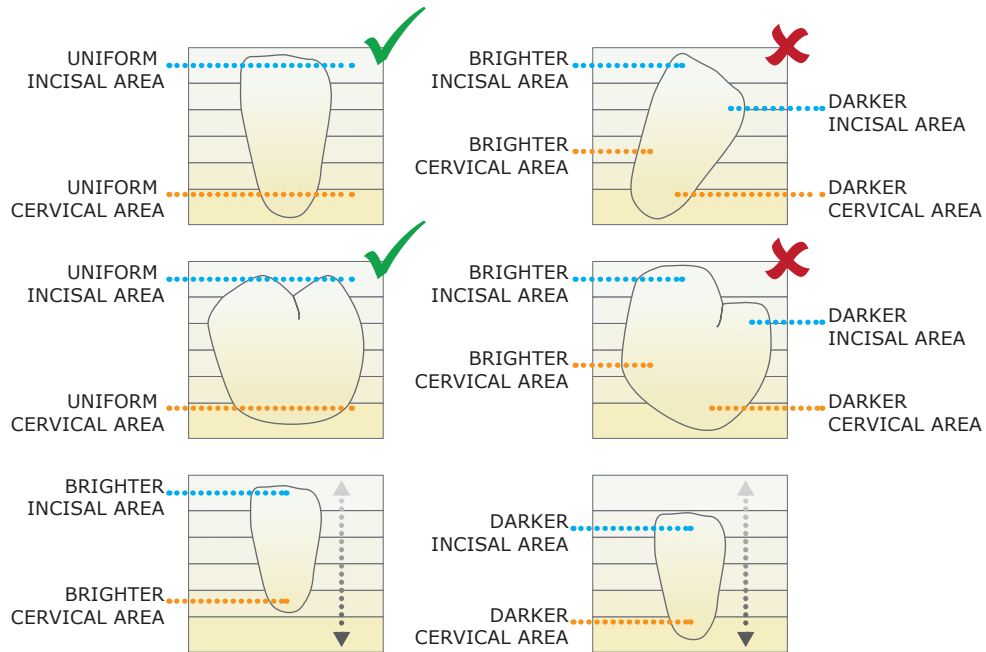


fig. 20.2

SINGLE CROWNS

Place the restoration with the incisal and cervical margins in a straight line, parallel to the **ZIROCK** disc, in order to achieve uniform staining in the incisal and cervical areas.

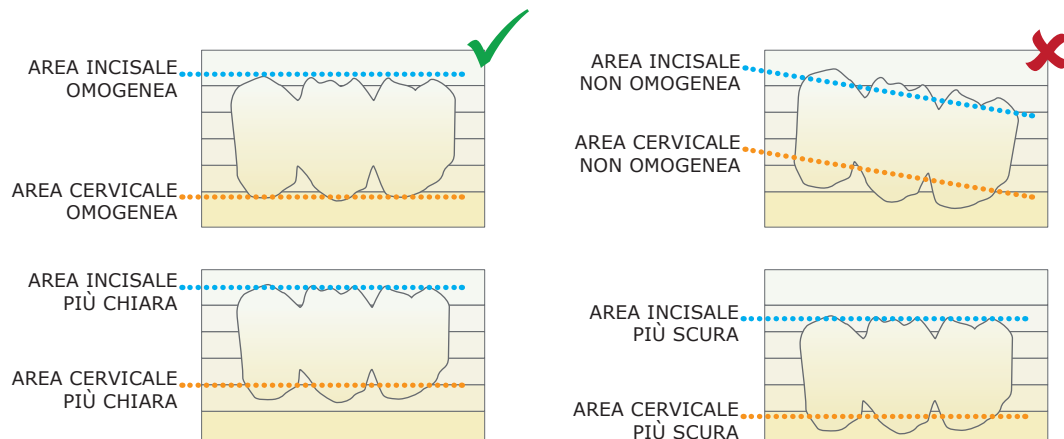
It is also possible to modify the final result of the element by raising or lowering the restoration inside the disc: in this way we will intersect different color bands and obtain more or less saturated color gradations at the collar and more or less clear incisal areas, according to the specific needs of the case to be implemented.



BRIDGES


Place the restoration with the incisal and cervical margins of the elements in a straight line, parallel to the disc, to achieve uniform staining in the incisal and cervical areas.

It is possible to modify the final result of the restoration by raising or lowering the restoration inside the disc: in this way we will go to intersect different color bands and we will obtain more or less saturated color gradations at the collar and more or less clear incisal areas, according to the specific needs of the case to be implemented.





ZIROCK DISCS ARE PRODUCED EXCLUSIVELY FOR TRESSIS ITALIA BY:

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THE CERAMIC SYSTEM IN GEL FOR MICRO-STRATIFICATION ON ZIRCONIA, LITHIUM SILICATE AND METAL CERAMIC

MICRO-LAYER POWDER CERAMIC



MICRO-LAYER PASTE CERAMIC



CRYSTAL LIVE! ITALIAN WHITE SMILE



CRYSTAL LIVE! MAMELON



CRYSTAL LIVE! DENTIN A



CRYSTAL LIVE! DENTIN B



CRYSTAL LIVE! DENTIN C



CRYSTAL LIVE! DENTIN D



CRYSTAL LIVE! TRANSPARENT



CRYSTAL LIVE! ENAMEL



CRYSTAL GUM NEUTRAL



CRYSTAL GUM PINK



CRYSTAL GUM RED



WHITE AND PINK AESTHETICS
 Micro-stratification made with Natural CRYSTAL LIVE! and Natural CRYSTAL GUM to obtain surprising aesthetic results both in the gingival area and in the dental area, already with minimum thicknesses and when there is the need to compensate the structure and finalize the shape of the restoration.
 Made by: MAURIZIO CECCARELLI
 Laboratorio DENTAL PRO-FILE
 FIRENZE - ITALIA 🇮🇹

FINISHING THE RESTORATION

Once the sintering cycle suitable for the type of zirconia used has been completed, we can proceed with the finalization of the restoration through the application of the ceramic aesthetic coating.

Depending on the aesthetic and functional needs, we can choose between two processing techniques: traditional stratification with **Natural ZiR** ceramic masses or micro-stratification with **Natural CRYSTAL** paste ceramic masses.

24. LAYERING WITH NATURAL ZIR:

When carrying out a restoration it is possible to find yourself in one of the following cases:

24.1. CASE 1: a structure made with reduced caps, to be finalized both in shape and color with traditional stratification;

24.2. CASE 2: vestibularly reduced anatomical elements, to be finalized almost exclusively in color using traditional stratification;

CASE 1: we proceed according to the operating instructions of the Natural ZiR ceramic for the traditional layering:

24.1.1. application and firing of the Natural ZiR LINER 3D masses on the entire restoration, creating a chromatic identity with the final result;

24.1.2. modeling and firing with dentin and incisal materials to complete the functional shape of the element;

24.1.3. if necessary characterize as desired with Natural Stains stains;

24.1.4. Glaze the restoration with one of the Natural Glaze FX glazes (paste, fluorescent paste, spray) chosen by the technician.

CASE 2: we proceed according to the instructions of the Natural ZiR ceramic for the buccal layering of the elements:

24.2.1. application and firing of the Natural ZiR LINER 3D masses in the buccal areas, i.e. where the ceramic will subsequently be stratified;

24.2.2. application and firing of the MAC or MAGIC materials in the thinly and evenly applied lingual and occlusal areas;

24.2.3 modeling and firing with dentin and incisal materials of the buccal areas until completion of the shade and, if necessary, the shape.

24.2.4. if necessary, characterize with the Natural Stains stains as desired;

24.2.5. complete the restoration by firing a glaze from the Natural Glaze FX range; if the thickness of the layered ceramic is very thin, the use of a Natural Glaze FX FLUO or Natural CRYSTAL Glaze FX fluorescent glazing is recommended.

25. MICRO-LAYERING WITH NATURAL CRYSTAL:

Depending on the aesthetic and functional needs of the restoration carried out, we can find ourselves in one of the following two cases:

25.1. CASE 3: non-reduced monolithic anatomical elements;

25.2. CASE 4: reduced monolithic anatomical elements;

CASE 3: we proceed according to the operating instructions of the Natural CRYSTAL ceramic with the coloring technique:

25.1.1. application and firing of the MAC or MAGIC masses spread thinly and evenly over the entire restoration;

25.1.2. finalization of the color with the use of Natural STAINS stains;

25.1.3. Glaze the restoration with a fluorescent glaze, the use of Natural CRYSTAL Glaze FX (high-fluorescent glaze) is recommended.

CASE 4: we proceed according to the operating instructions of the Natural CRYSTAL ceramic for micro-stratification:

25.2.1. application and firing of the MAC or MAGIC masses spread thinly and evenly over the entire restoration;

25.2.2. carry out the modeling and firing with the dentinal and incisal Natural CRYSTAL masses in the vestibular and occlusal area until the completion of the shape and color according to the needs of the case;

25.2.3. creation of any characterizations with the Natural Stains stains used pure or mixed with the Natural CRYSTAL masses according to the specific case;

25.2.4. Glaze the restoration with a fluorescent glaze, we recommend the use of Natural Glaze FX FLUO or Natural CRYSTAL Glaze FX.

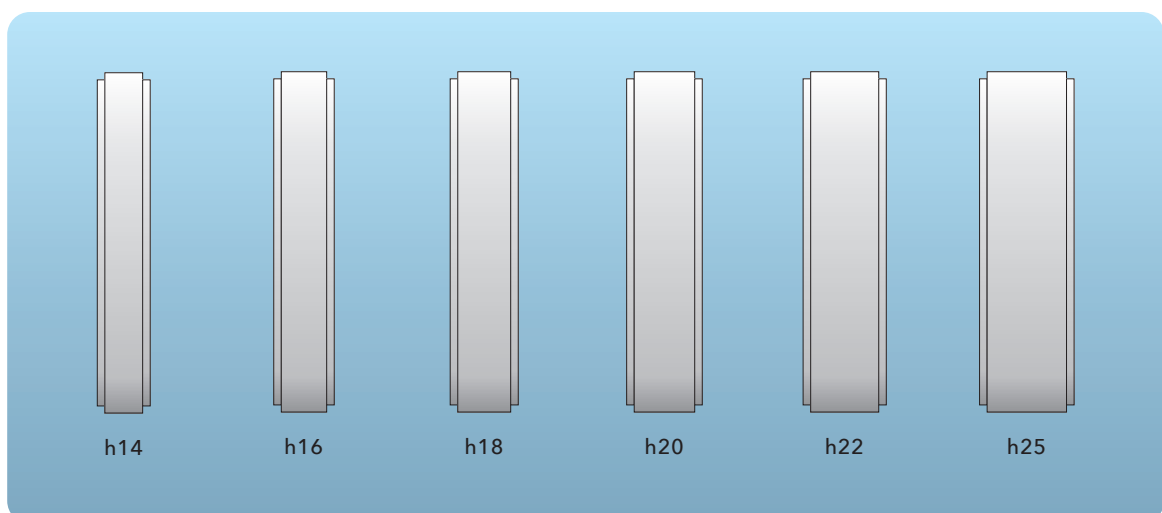


FIG. 25.1 The range of ZiROCK zirconia discs with height from 14 to 25 mm, in 1:2 scale

ZIROCK ZIRCONIA DISCS are a medical device produced exclusively for TRESSIS ITALIA.

ZIROCK discs are distributed by:

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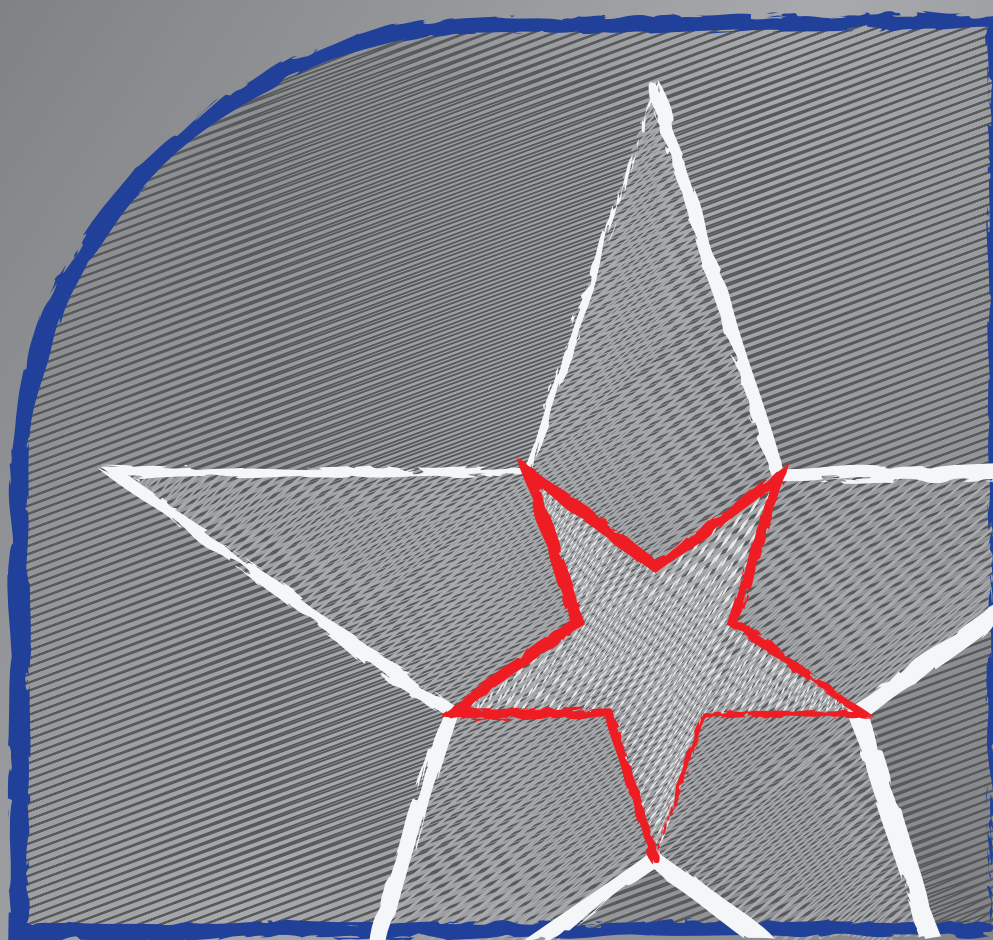
NOTE:

Lined writing area with horizontal dotted lines.

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ZIROCK

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