

LUXOR Z Multishade

Create **highest aesthetics** with convenience



Multiple beauty inspired by nature

True beauty comes from within – also with **Luxor Z Multishade**.

The perfect interplay of the latest generations of zirconia oxide forms the basis for optimum strength, fit, translucency and colour harmonies.

For stunning results – inspired by the beauty of nature.

Even the ancient Egyptians, one of the first advanced civilisations, were inspired by nature.

They fused science with art and nature to create timeless monuments that continue to inspire awe today.

Luxor Z harnesses this millennia-old knowledge and combines it with state-of-the-art dental technology to raise zirconium dioxide products to an unprecedented level. Discover how the secrets of true beauty become reality in your dental restorations with **Luxor Z**.





Highest aesthetics

4 - 5



Ideal edge stability

6 - 7



Linear shrinkage factor

8 - 9



Product properties

10 - 11

LUXOR Z

Multishade

Highest aesthetics

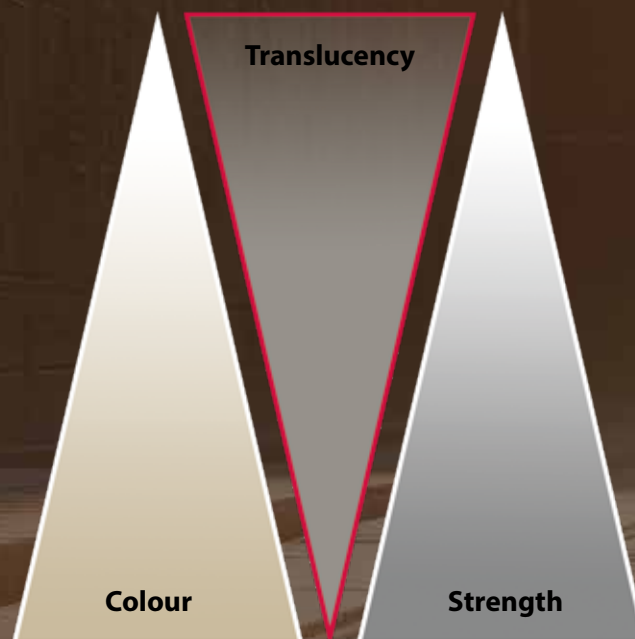
Powerchroma for aesthetic dentistry

The multigradient technology enables the integration of a powerchroma zone in every blank height and thus an even more contrasting colour gradient. Powerchroma specifically supports the production of minimally invasive prepared restorations such as veneers or crowns.

The intelligent design within a zirconium oxide blank enables:

- **Naturally realistic colour gradients**
from the powerchroma dentine to the lighter incisal edge
- **Flowing translucency gradient**
to capture the interplay of light in natural teeth
- **Increased strength in high-stress areas**
without compromising on aesthetics and design

Experience **unique gradients in all three categories with Luxor Z**
– **without delay or limitation in indication.**

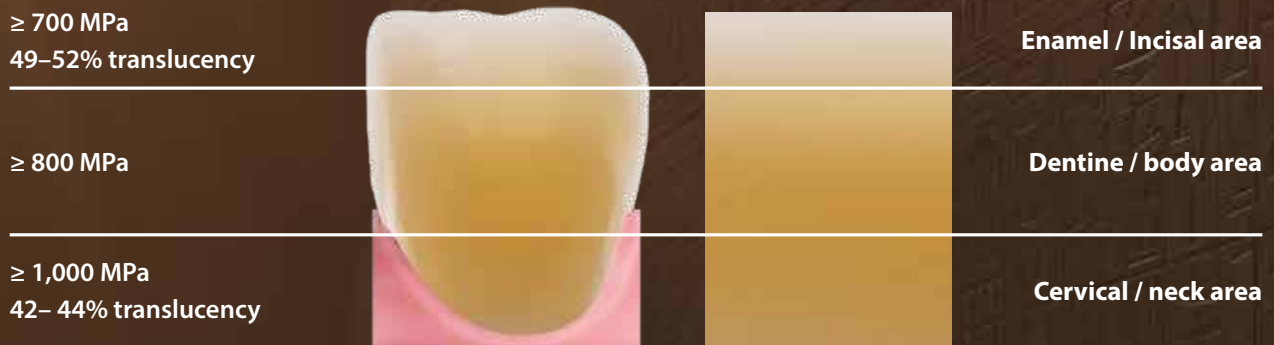


Material values in focus

The spectrum of natural beauty

The comparison of the sintered crown and the shade tab visualises the aesthetic and functional properties of **Luxor Z Multishade**. The crown demonstrates a natural colour gradient with higher translucency in the incisal area for natural light transmission, while the dentine ensures optimal opacity with the help of the natural powerchroma formula, providing maximum safety with optimised strength values.

The presentation underlines the ability of **Luxor Z Multishade** to combine aesthetic demands with technical performance.



LUXOR Z

Multishade

Maximum edge stability Optimum milling results

Luxor Z Multishade is isostatically pressed, making it resistant to microfractures and burrs. This means that restorations retain their individual surface, shape and beauty even with high feed rates and high milling speeds.

Ensure high process reliability and a low material usage rate in production with **Luxor Z Multishade**.



Isostatic pressing – the gold standard for your zirconia oxide blanks

The refined formulation of the adapted 4Y and 5Y powders, combined with the isostatic pressing, forms the basis for the continuous blending process.

The intelligent layering of the powder in the **Luxor Z Multishade** blank results in an even natural aesthetic and controlled shrinkage, ensuring not only optimal fit but also outstanding stability of your dental work. All this is possible thanks to our high-quality production process.

Trust the superior quality of our **Luxor Z Multishade** for results that are as reliable as they are precise due to their natural aesthetics.





The ability to freely choose the sintering program with Luxor Z Multishade has significantly improved my workflow. Conventional sintering delivers restorations with exceptional depth and clarity, while speed sintering increases efficiency. This allows me to respond flexibly to my customers' different requirements.



Fer Griffon, MDT
Madrid, Spain



I am impressed by the edge stability of Luxor Z Multishade. I always achieve consistently high quality and precision in my restorations. The colour of the material is superb. As a technician I always strive for the best. I am very grateful that I can offer my customers the best with Luxor Z Multishade.



Luka Melik, MDT
Ljubljana, Slovenia



The aesthetics of Luxor Z Multishade are outstanding. The color gradients are incredibly natural and give every restoration a remarkable beauty.



Philippe Pisseloup, MDT
Souvans, France



Luxor Z Multishade has truly impressed me with its exceptional translucency, setting a new standard in dental restorations. The material's ability to allow light to pass through naturally results in restorations that achieve a high level of aesthetic appeal. This aesthetics not only enhances the visual beauty of the restorations but shall also contribute to a more natural and harmonious smile for patients.



Sander Polanco, ZTM
Staten Island, USA



As a long-time dentist and dental technician, I have always been on the lookout for high-quality materials that deliver aesthetically pleasing results. The Powerchroma Zone is particularly helpful for minimally invasive restorations such as veneers or crowns. Luxor Z Multishade has managed to push the boundaries of aesthetics and functionality and offers restorations that meet the highest technical and aesthetic standards. I am excited about the possibilities that Luxor Z Multishade offers me and look forward to continuing to create timeless beauty in my work.



Dr. Vincenzo Musella,
Modena, Italien

LUXOR Z

Multishade

Dynamic sintering

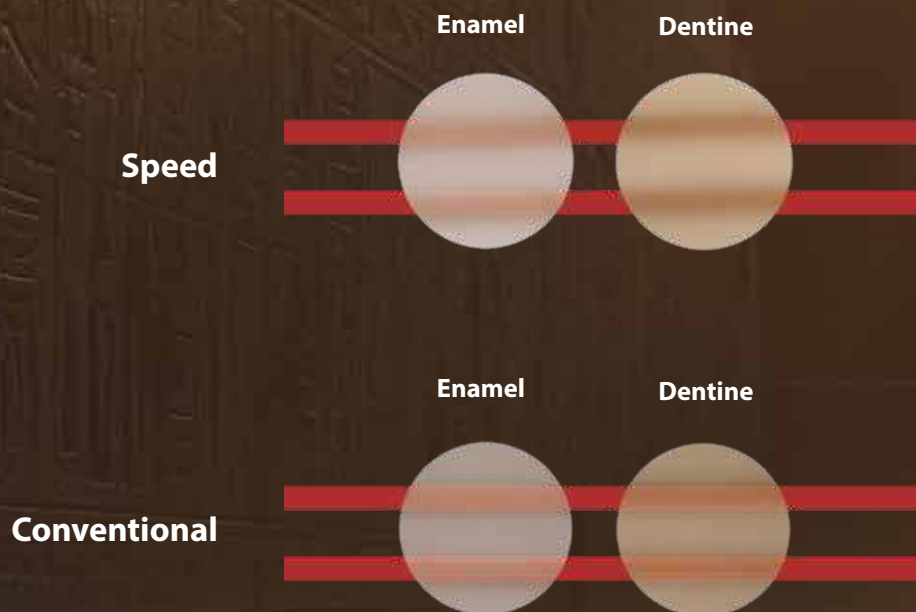
Sustainable efficiency and natural beauty

At the heart of every zirconium oxide restoration is a moment of transformation – sintering.

The energy of the oven reveals the material's true abilities. **Luxor Z Multishade** is capable of speed and conventional sintering. These two validated sintering protocols have been carefully developed to meet the demanding needs of dental technicians.

Conventional sintering times are perfect for restorations where the full scope of aesthetics and natural translucency are desired (anterior tooth area), while the speed option is ideal when time and cost-effectiveness are crucial factors.

Both ways lead to results that stand the test of time – a promise that prioritises your needs.



Focus on efficiency

Speed vs. Conventional Sintering

Experience the influence of the selected sintering program on the translucency of **Luxor Z Multishade**.

You can achieve outstanding results with both speed and conventional sintering.

The visual comparison provides a clear insight into the possibilities that **Luxor Z Multishade** offers to create restorations with different aesthetic and time requirements.

While the Speed-sintered material demonstrates impressive manufacturing efficiency, the conventional sintered material reveals exceptional depth and clarity that mimics the natural aesthetics of teeth. Get an impression of the sintering program's effect on the translucency of your work.

You have the choice:

Use the intelligent design of the **Luxor Z** blank to suit your requirements.

Sintering times

	Speed	Conventional
Up to 3 units	2.2 hours	11.5 hours
Up to 6 units	3.8 hours	11.5 hours
Up to 14 units	---	11.5 hours



LUXOR Z

Multishade

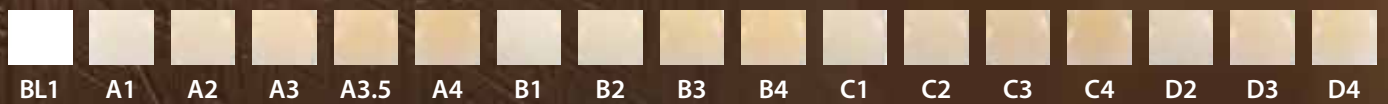
LUXOR Z

Multishade

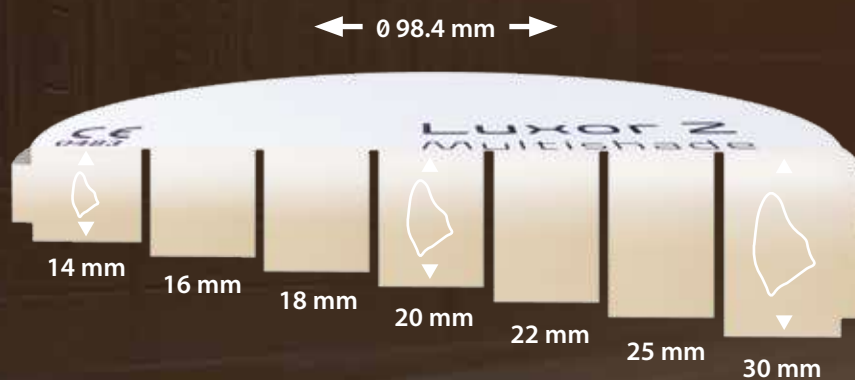
With **Luxor Z Multishade**, you don't just choose a zirconia blank. You opt for a stylish, appealing aesthetic, optimised by the multi-gradient production process and the use of state-of-the-art technology. Experience the perfect symbiosis of craftsmanship and innovation – inspired by Egyptian history.

Luxor Z Multishade combines dental expertise and progress to create timeless beauty with you.

Available colours



Available heights



Technical data

Material class	4Y-TZP I 5Y-TZP
DIN EN ISO 6872:2019-01	Class 5
Translucency	Incisal*: 49 - 52 % I Cervical*: 42 - 44%
Flexural strength	Incisal: ≥ 700 MPa I Cervical: $\geq 1,000$ MPa

* Depending on tooth colour

Indications

	LUXOR Z Multishade	LUXOR Z Frame
Fully anatomical crown	✓✓	✓
Veneers, inlays & onlays	✓✓	✓
Fully anatomical bridge (max. 2 pontics)	✓✓	✓
Occlusally screwed full contour restoration (all-on-4)	✓✓	✓
Adhesive-based abutments	✓	✓✓
Ceramic bridge (up to max. 2 pontics)	✓	✓✓
Telescope/veneer cap	✓	✓✓

✓ suitable ✓✓ eminently suitable





Order conveniently by email or telephone:
CSCIInternational@bredent.com or **+49 (0) 7309 / 872 - 440**

CAD/CAM Support Online Ticket:
dental-concept-systems.com/support

