



LUXOR 2

True Nature

ZrO₂ multilayering
belongs in the past!

LUXOR Z

True Nature

Nefertiti was revered for her elegance back in ancient Egypt. Even today, humanity is still mystified by the secret of her natural beautiness. As our guiding figure, Nefertiti is synonymous with high quality combined with first-class aesthetics. This is how Luxor Z True Nature was designed, a product which makes it easy to create **natural beauty** in prosthetic dental restorations.

Natural beauty – our mutual target

True Nature is our contribution where we offer you the opportunity to personalise your restorations and demonstrate your artistry.

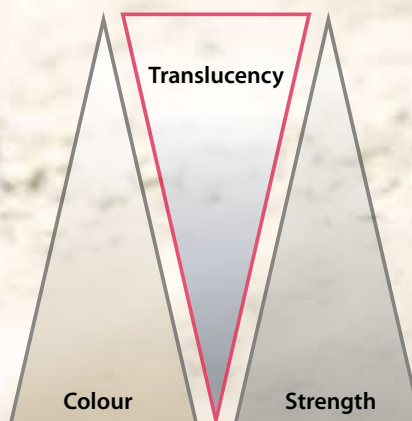
Our Natural Gradient Technology provides **unique gradients** in **all three categories**.

**Natural, authentic,
infinitely variable gradients of:**

- Colour
- Translucency
- Strength

No deformation

No restrictions on indications





Color A3
Height 25
Side Incisal

LUXOR Z
True Nature

 DENTAL

CE
483

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ZrO₂ multilayering belongs in the past.

Luxor Z True Nature is a newly developed zirconium material that has cleared away the layers. It is suitable for all indications and has the following properties:

- **Seamless** in colour, strength and translucency gradations
- A **strength** of $\geq 1,100$ MPa in the cervical region and ≥ 750 MPa in the incisor region
- **Natural translucency**, which ranges from 40 - 45 % cervical* through 50 - 55 % incisal* when measured using standard market values.
- Maximum flexibility as Luxor Z True Nature and Frame are available in **7 heights** throughout the **VITA classical A1-D4® shade range** plus **bleach**.

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* depending on tooth color.



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Experience the subtle difference

After sintering, you will obtain a **perfect high-quality opacity** in the cervical region, which flows into a natural translucency gradient. The translucency achieves values in the incisor region that materials have been unable to achieve without indication restrictions until now.

Your expectations – our mission

Experience right from the start how the opal effect and colour gradient reliably achieve the **classic VITA® shades A1-D4** and **bleach**. A simple glazing is often sufficient to achieve the high-grade natural effect. In this way, True Nature strikes an exact balance between the priorities of aesthetic expectations and the need for efficiency.



Above: © Eugen Ens, MDT, Constance, Germany



Luxor Z True Nature A1 - A4:
Translucency gradient
with light shining through



Luxor Z True Nature A1 - A4:
Colour gradient in natural light

The latest generation of material provides balanced **sintering reactivity**.

Production process created by the bredent group

Each blank is individually isostatically pressed and refined in our specially developed Natural Gradient Technology Process. The homogeneous pressing process guarantees a high density, resulting in a **remarkable flexural strength** in the final results. Aesthetics **with no limits** – from aesthetic monolithic single crowns in the anterior region to large-span and full-arch monolithic resortations.

Progress thanks to the latest generation

Luxor Z True Nature is free of deformation, unlike conventional multilayer technology. The latest (5th) generation of Tosoh® base material used with our specially developed production technology offers a **balanced sintering reactivity** within all the powder components Luxor Z contains. Consequently, you can achieve deformation-free results combined with highest aesthetics even with full-arch restorations

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Extremely resistant edges

Our improved production process guarantees outstanding edge stability and helps provide **distortion - free sintering capability** while also optimising the Natural Gradient Technology. Resulting in thin edges and **sharp, precise ridges throughout the blank.**

Fewer work steps, more time

Resulting in natural aesthetics after milling and sintering. The perfectly balanced ratio between the incisal and the dentine area delivers **precise results** in chroma and hue.



Above: Comparison of materials (from left to right: Competitor A, Competitor B, Luxor Z True Nature)

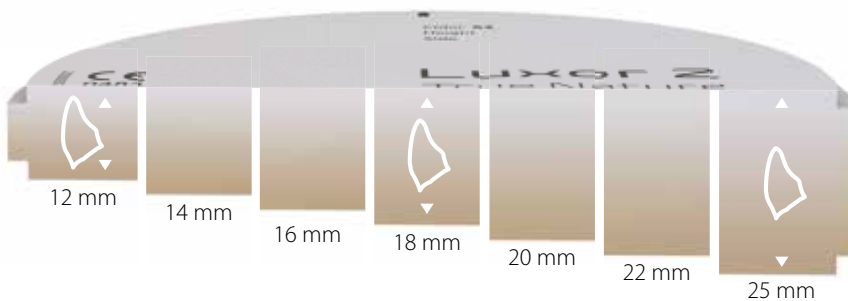
Below: © Dr. Vincenzo Musella and Dr. Stefano Marchi, Italy.



Thinly tapered ridges – strong edges.



Ridges with Luxor Z True Nature



Maximum flexibility in nesting and colour control

Multilayering belongs to the past

Design your work with the latest technology and material quality. Our Luxor Z True Nature uses the principles of ceramic layering technology used in traditional craftsmanship.

Luxor Z True Nature provides:

- **Opacity** in the cervical region which helps to mask devitalised teeth and abutments.
- increasing depth and translucency resulting in **natural aesthetics**.
- a **natural vibrant finish** in the incisal region.

Luxor Z

Frame



High efficiency through a broad range of clinical indications

The following table shows you how to cover the full spectrum with just two products (True Nature and Frame).

Indication	Luxor Z True Nature	Luxor Z Frame
Veneers, inlays & onlays	• •	•
Fully anatomical crown	• •	•
Fully anatomical bridge (max. 2 pontics)	• •	•
Occlusal screw retained Full contour restoration (Fast and Fixed)	• •	•
Adhesive-based abutment	•	• •
Veneer bridge (up to max. 2 pontics)	•	• •
Telescope/veneer cap	•	• •

• = suitable • • = optimal



Luxor Z Frame

The foundation **of individual beauty.**

Luxor Z Frame is created using the same Natural Gradient Technology (NGT) process

as True Nature, thus ensuring the same flexibility and reliability:

- Luxor Z Frame is **stable** (>1050 MPa pre-coloured and >1100 MPa in the white version), **free of distortions** and offers **excellent edge stability** - leading to minimal reworking.
- Give your own personal touch to your work – Luxor Z Frame can be layered with **all commercially available** ceramics and stain and glaze materials suitable for zirconium oxide.
- Luxor Z Frame White is ideal for pre-colouring using dipping colours, **giving you maximum versatility.**
- Meet every aesthetic requirement for your CAD/CAM work with just two products. **Luxor Z True Nature** and **Luxor Z Frame.**



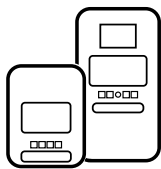
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