

WIELAND
D E N T A L



UNLIMITED DIMENSIONS ...

C-Box 
dimension

Unlimited Dimensions ...

We are passionate about overcoming aesthetic and technical challenges. WIELAND adapts its successful veneering ceramics to meet modern and technical requirements. They are now digital-compatible, stored in the C-Box and give the user complete freedom. X-type ceramics have taken on a whole new dimension.

The innovative addition to Reflex dimension is the new single-layer ceramic Reflex dimension One. It makes time-saving electroplating possible and therefore has enormous economic potential. Modifiers previously only used for veneering oxide ceramics are now also available for the REFLEX ceramics. This means an even better combination of all-ceramic and metal-ceramic restorations.

At the centre of our range is the Creative Box, a creative store for the ceramic materials. It is a compact, flexible and creative ceramic system which offers the user great freedom and choice. Everything is possible from single-layer ceramics and the classic, standard three-layer technique to individual build-up including bleach and 3D-Master-colours*.

This ceramics system is compact and limited to the essentials. In the new product range, it can even be put together on an individual basis.

Reflex dimension – be creative!

One Layer

- Straightforward and convincing with only one layer
- Economical colouring

3-Layer

- Layering over opaquer, dentine and incisal paste
- Above average requirements

Professional

- Any indications are possible
- High aesthetics requirements of patients

Increased aesthetics

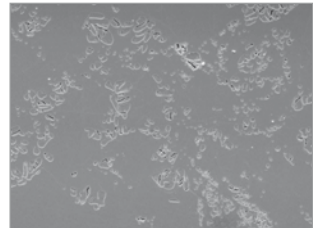
Material properties

The launch of the first generation of REFLEX metal ceramics was itself a major step towards perfecting high-temperature ceramics with a broad range of applications. The tried and tested nanoleucite structure ensures a high level of safety both for the user and in clinical use. This level has been maintained in the new Reflex dimension. Fine adjustments to the handling, firing and use of REFLEX NP safe on non-precious metal alloys further increase safety.

The nanoleucite structure is a crack-free microstructure containing homogeneously distributed, fine leucite crystals. Many of the crystals have dimensions on the nanometre scale ($< 1 \mu\text{m} = < 1000 \text{nm}$).

This means:

- Extremely smooth, homogeneous and plaque-resistant surface
- Gingiva and antagonist friendly
- Can be polished at chairside



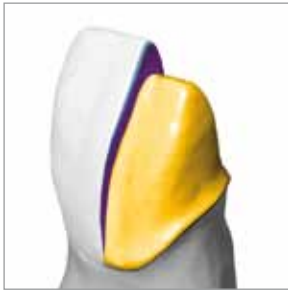
An easy introduction

The C-Box is a compact, ergonomic and trendy design system. It makes it easier to adjust time and materials in line with your requirements for everything from single-layer ceramics and standard layering with minimal material use to complex and costly premium restoration for the most challenging work. Modern ceramics systems are compact and kept to the essentials; systems in the new generation of all WIELAND ceramics can even be selected individually. You can put together the contents of the C-Box yourself.

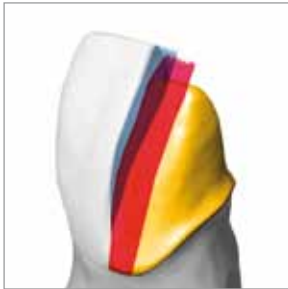
„Freestyle“ is, however, just one of the options. Our prefabricated modules facilitate the introduction of our products in line with your laboratory requirements. The potential for creativity and efficiency is endless, yet all modules and materials fit into the central aspect of this system, the C-Box.



Introduction to the range of dimensions



Single-layer technique



Three-layer technique



Professional layering

Dimension One module - introduction to the single-layer technique

All 16 tooth colours in the A-D shade guide can be reproduced by applying just two translucent dentine materials, the relevant opaque materials and four Bodystain shades

Basic I module – introduction to the three-layer technique

For customers who prefer the classic three-layer technique to professional layering. This module includes all 16 tooth colours and 4 bleach shades.

Basic II module – introduction to Professional layering

The Basic II module is a classic 8-shade range, perfect for classic multi-layer work. It contains 8 opaque materials and the corresponding dentine and Chromatix materials. This range is supplemented by a variety of modifiers and stains.

You can of course supplement these introductory options to the world of WIELAND dimensions: **AddOn I and AddOn II** modules supplement the basic modules and complete the range. If you are impressed by this unique concept in its current form, you can select **a complete range**; you can alternatively put the range together yourself - choose complete flexibility. In the latter case, the brilliantly designed C-Box is absolutely free.

Individual modules



Bleach Module

The bleach module includes all materials needed to reproduce the four bleach colours in accordance with the A-D Shade Guide.

3D Module

Used to create all 26 3D-master shades.*

Stain Module

The Reflex dimension Stain module comprises 16 stains and four Bodystain shades.

Chromatix Module

This set contains all Chromatix materials to supplement all 16 tooth colours.

Shoulder Module

With 18 shoulder materials, this module covers the entire range of applications for shoulder work.

Advanced Module

The Advanced module consists of the remaining build-up materials. There are no limits to the Professional build-up technique here.

*Registered brand of the company Vita, Bad Säckingen, Germany

Safety, ergonomics and efficiency

New ceramic products have traditionally been prized largely for their optical and aesthetic qualities. Over the last few years, however, other aspects have also gained increasing importance: the efficiency, the cost and thus the ergonomics of a product.

Safety

- **Good bond strength** with all alloys in the indication range
- Slow cooling not generally necessary
- High breaking strength
- **10-year long-life guarantee**

Efficiency

- **Single-layer ceramics** are extremely cost-effective
- Reliable and simple shade reproduction using logical three-layer technique
- Ultra-simple layering technique from **standard to premium**
- Robust
- Individual selection from a **modular range**
- Perfect handling properties, extremely good firing properties

Aesthetics

- Shades are identical for all WIELAND X-type ceramics
- Iridescent **opale effect composites** for attractive enamel effects
- Dentin and Chromatix for intensive and brilliant basic shades
- **Bleach shades** are now also available
- Refined opal enamels with increased translucence and brilliance
- **ZENOSTAR Magic Glaze** spray for homogeneous surfaces
- Natural fluorescence and opalescence
- **3D-Master* shades** can now be reproduced





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www.wieland-dental.de

WIELAND Dental + Technik GmbH & Co. KG
Schwenninger Straße 13, 75179 Pforzheim, Germany
Fon +49 72 31/37 05-0, Fax +49 72 31/35 79 59

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