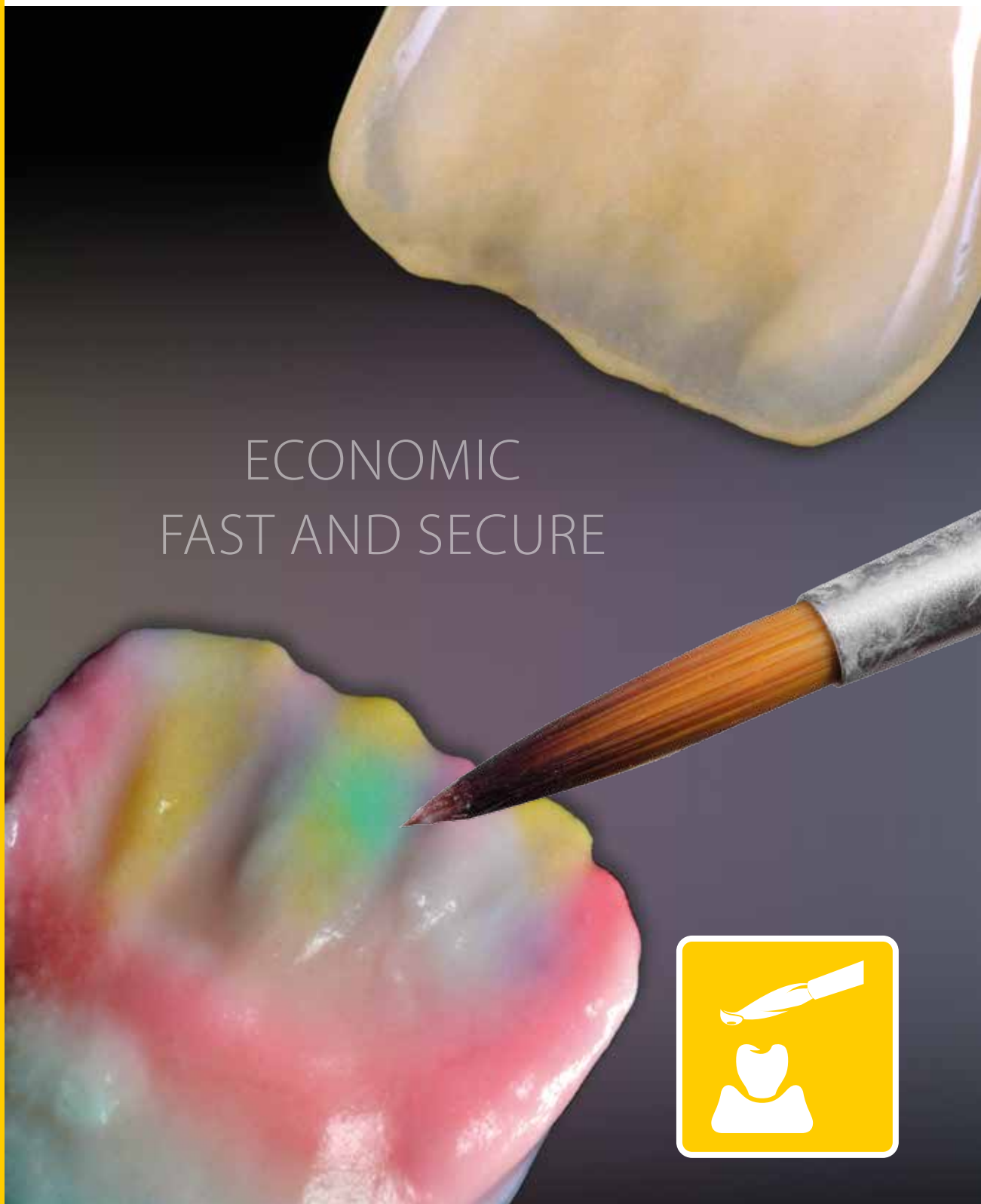
DENTAL CERAMICS

Layering and press ceramics

ceramay®

dentalceramics

DCCeram™ 9.2



zubler group

DC Ceram™ 9.2

Developed according to the latest technical findings in veneer ceramics on zirconium oxide and lithium disilicate!

- **Natural looking aesthetic**
- **Logical structure, secure in processing**
- **Complete for all areas of application**
- **Stable thermal coefficient of expansion even after multiple firings**

Secure

Low working temperatures when pressing and layering DC Ceram™ 9.2 minimizes thermal stress to framework materials.
The excellent handling properties and low shrinkage after firing simplify the manufacturing process.
The comprehensive DC Ceram™ color concept ensures aesthetically appealing results in both simple and complex layering.

Universal

DC Ceram™ 9.2 was created for the veneering of lithium disilicate ceramics and zirconium oxide and completes the product line of the DC Ceram™ family.
The photo-optical properties are perfectly matched to the veneered framework materials.
The natural brilliance and chroma of the ceramics harmonise ideally with conceptPress lithium disilicate ceramic.

Aesthetic

Before staining, all basic components of the ceramic exhibit the fluorescence and opalescence matched to the natural tooth.
Additives and the associated diffusion of light increase the brightness of the ceramic with adequate translucency. The problematic „graying“ or „glazing“ on zirconium is largely avoided thanks to this material.

Reproducible

All ceramic materials are matched to the Vita® Classical colour system.
An extensive and logical assortment are available for the laboratory, creating the conditions required for the reproducible manufacture of high-quality dental prostheses.

DC Ceram™ 9.2

INDIVIDUAL AND AESTHETIC

Layering

Naturalness instead of static effect.

All DC Ceram™ 9.2 materials are perfectly matched in terms of fluorescence and opalescence and impart the ceramic with an optical interaction that integrates with from natural teeth. Every single ceramic material is different in it`s effect, depending on the area of application or colour, and develops the complex play of light between dentine and incisal – even without special layering techniques.

The grain size of DC ceram™ 9.2 layering ceramic has been optimised, as a result, there is only minimal shrinkage after firing. Its high stability during modelling and firing reduces grinding work.

Whether secondary dentin or special translucence in the incisal region, each individualization is precisely retained in the finished restoration.

DC Ceram™ **9.2**

ECONOMIC

FAST AND SECURE

Layering technology 3-16

For the dental technician, DC Ceram™ 3-16 is the definitive system for the simple and economic manufacture of high quality ceramics. The mature special dentines and stains of the system exhibit impressive photo-optical properties and integrate the finished ceramic restorations perfectly in the oral environment.

The light staining of the ceramic is a resulting benefit of the basic material , the 3-16 dentine, and merely needs to be individualised. If ceramic needs to be added, deviation in the overall layering's chromatic effect never occur.

Final coloring is performed only after any corrections of the shaped and function. As opposed to layered ceramics, color changes can be made at the last moment without compromise.

The fluorescent conceptArt stains impart a natural looking appearance. The natural appearance is carried through even in regions with unfavourable lighting conditions. Once stained and glazed, this ceramic is barely distinguishable from conventional layered work.

DC Ceram™ **9.2**

PRECISE AND NATURAL

Pressing and layering

Dentin pellets for pressing on zirconium oxide frameworks are preferably used for the manufacture of precisely fitting shoulders and emergence profiles or for an individual layering with DC Ceram™ 9.2 in the anterior region.

This technology offers you a manufacturing process for the veneering of zirconium oxide frameworks that is fast, secure and precise. A fully anatomical wax model is transferred to the ceramic restoration in a controlled manner as to create the perfect basis for the individualisation of regions that are important for aesthetics – without dimensional changes.

Pictured below: A classic cut-back in the anterior tooth zone creates space for an individual layering with DC Ceram™ 9.2 transparent, opal and incisal. The opalescent contents of the ceramic increase the photo-optical effect of natural incisors and easily produces a result that meets the highest demands of function and aesthetics.

The final individualisation with fluorescent conceptArt stains ensures extraordinary brilliance of the ceramics even in regions of the restoration where light is poor – without the feared „graying“ in the cervical region.

DC Ceram™ **9.2**

FAST AND SECURE

Press and stain with interface

A new standard in dental ceramic veneering. Just 5 pellets for all 16 colours of the Vita® Classical system, for pressing onto zirconium framework structures! It is currently impossible to manufacture higher quality ceramic shoulders, chewing surfaces with perfect anatomy and function or emergence profiles in implant technology. From a materials perspective, pressed ceramic has a high surface density and closeness in colour to a natural tooth that is impressive.

concept*Art* Shades and Stains

ConceptArt stains impart a variable fluorescence hat ensures a natural looking ceramic in the oral environment, even in unfavourable lighting conditions. These colours require little effort for outstanding results for individual characterization of pressed ceramics. Their consistency is tailored to the respective area of application. Painting with shades of a low viscosity ensures a homogeneous, 2-dimensional appearance after firing.
These stains have a somewhat more rich, viscous consistency that allows the technician to impart a more desirable, multidimensional characterization to ceramic.

FAST AND SECURE

Some of the DC Ceram™ 9.2 product line:

Chromadentins and modifiers

The DC Ceram™ 9.2 chromadentins produce a natural depth in layered ceramics, even with low layer thicknesses. Where space is tight, they can be mixed in or used as the basis for the chroma intensification of dentins.

Dentins

With stable brightness values, the dentins present the right light. Even with low layer thicknesses they generate a natural depth effect. In interaction with the corresponding chromadentine they give chewing surfaces a simply natural and elastic look.

Incisal and opalescent transparent materials

The incisal materials guarantee a secure and reproducible layering according to the Vita® Classical colour system. The transparent and opalescent materials, conversely, are used for individual layering, in particular in the incisal region.

Press ingots on zirconium (press to zirconium)

This press ceramic was developed for pressing onto all zirconium oxide dental materials. In this technology the dental technician is able to produce a ceramic veneer from a wax model without fear of dimensional changes.

3-16

Three ceramic materials for 16 colours of the Vita® Classical colour system! A minimalist approach to ceramic and the fast implementation of models guarantee the economical and sophisticated manufacture of high-quality ceramic veneers.

Interface ingots 1-5 (press to zirconium)

Five blanks for 16 colours of the Vita® Classical system, pressed onto zirconium oxide framework structures, opens up a new dimension in ceramic veneering. Shoulders and occlusal surfaces with perfect anatomy and function cannot be manufactured with higher quality.

conceptArt stains

Paste colors for use as a paint or „internal“ stain and the individual characterization of pressed, milled or layered ceramics.

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ceramay® dentalceramics

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