



# #OutOfThisWorld



**zolid**  
DNA GENERATION

[www.outofthis.world](http://www.outofthis.world)





The Zolid DNA Generation heralds a new era. What started with the introduction of the Ceramill DNA milling machines now continues in the materials sector. The goal is the best zirconium oxide product range no more, no less. Developed and manufactured in-house, to meet the highest demands for esthetics, quality and economics in your dental laboratory.







**zolid ht+ preshades**

THE LATEST ADDITION TO THE ZOLID DNA GENERATION

The current portfolio is rounded off by the new Zolid HT+ Preshade blanks. Zolid HT+ excels through outstanding mechanical as well as optical properties. Add to this, blanks in 16 Vita shades which set new benchmarks in terms of efficiency and reproducibility.

- \_ Stable, true to color and efficient**
- \_ Ideal for implant-supported constructions and massive structures**
- \_ Indicated for up to 14-pontic bridges**



Absolutely true color shades in accordance with the VITA color shade key

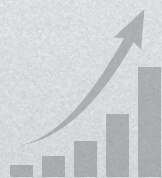
*"An indispensable all-rounder when true colors, stability and esthetics matter!"*

**Benjamin Votteler MDT, Dentaltechnik Votteler, Germany**



**COLOR AND PROCESS SAFETY**

Because we create natural esthetics through our own color development with its consistent color concept.



**EFFICIENCY AND ECONOMICS**

Because we match all parameters to technical dental requirements and offer a seamless workflow from A to Z.



**QUALITY**

Because we only manufacture at our own site with the best raw materials on state-of-the-art production equipment.



A GLOBAL PLAYER/SYSTEM/NETWORK  
ZOLID DNA COMMENTS



*"Zolid FX Multilayer is a game changer!"*

**Lucas Lammott CDT**  
M31 Dental Studio, USA



*"Zolid FX is a clever and esthetic alternative to lithium disilicate."*

**Benjamin Votteler MDT**  
Dentaltechnik Votteler GmbH & Co KG,  
Germany



*"Working with Zolid HT+ simply bowled me over!"*

**Alex Wünsche CDT**  
Zahntechnik, USA



*"Zolid HT+ is particularly easy to use for implant-supported restorations due to its high strength and reliable quality."*

**Rainer Woeran MDT**  
Toothworx, Australia



*"The variety provided in the portfolio allows me to fabricate a host of different restorations with different specifications."*

**Rosa Winterhalter MDT**  
Lindauer Zahntechnik GmbH, Germany



*"A new generation of high-translucent zirconium oxide which allows me to produce highly esthetic wide-span bridges from zirconium oxide."*

**Pavel Metelka DiS**  
Dens Technika, Czech Republic



*"In the field of full ceramics, Zolid FX is unbeatable in terms of esthetics and translucency."*

**Jörg Schönthal MDT**  
Chief of Laboratory Dentaltechnik Dr.  
Lerner, Germany





*"Zolid FX Multilayer with its integrated color gradient enables a true natural appearance, ideal for anterior tooth restorations."*

**Lv BaoPing DT**  
Master Dental, China



*"All the shades of Zolid FX PS and ML match the VITA Classical color guide perfectly. Due to its high level of esthetics I can also use it for monolithic restorations."*

**Dr. HyunJung Lee**  
Armtrees Dental Clinic, South Korea



*"The spectrum of ceramics consists of Zolid FX Multilayer, and then there are all the others."*

**M. Reed Cone DMD, MS, CDT, FACP**  
Nuance Dental Specialists, USA



*"For us, Zolid HT+ is the perfect combination of Zolid and Zolid FX - combining maximum stability and esthetics."*

**Peter Antosch DT**  
Uwe Klein Meisterlabor für Zahntechnik, Germany



*"We at Amsterdam Dental Group always strive to give our patients perfect solutions. The diversity of materials in the Amann Girrbach CAD/CAM portfolio allows us to find the best solution for every clinical situation."*

**Harold Baumgarten DMD**  
Amsterdam Dental Group, USA



*"Amann Girrbach has landed a hit with Zolid FX Multilayer. The flowing color gradients are extremely smooth and can so be adjusted easily during nesting."*

**Brian Lindke CDT**  
VIVIDX lab, USA



*"Zolid FX is my basis for dental excellence."*

**Joachim Maier MDT**  
Dental Design, Germany



## DENTAL EXCELLENCE MUCH MORE THAN JUST A WHITE DISC

Zolid DNA blanks are manufactured 100 percent in-house at the Amann Girrbach Headquarters in Austria. Only the best raw materials are processed to blanks using the strictest test methods and specified, certified processes. This is the only way to ensure that all material parameters are perfectly matched to the needs of dentistry. Fully embedded into the Ceramill CAD/CAM workflow, this results in an efficient and safe system with tailor-made solutions.



 **dentistry**<sup>one</sup>

DENTISTRY ONE - the production site at the Amann Girrbach Headquarters is one of the most state-of-the-art manufacturing sites in the field of MedTec worldwide.



## PROCESS ENGINEERING ZIRCONIUM OXIDE AT THE HIGHEST LEVEL

The in-house development and production of the Zolid DNA blanks allows us to have a greater influence on the process-relevant material parameters. For example, next to stains perfectly matched to the VITA shade guide, our engineers also take into consideration sintering levels and the related tool wear as well as uniform shrinkage for a perfect fit. Add to this, that both the milling machines and sintering furnaces are developed and manufactured specifically by Amann Girrbach. Going full circle, this creates a unique, safe and efficient system.



- safety-relevant properties (partially normative)
- application-oriented properties, additionally checked by Amann Girrbach (not normative)





ZOLID DNA PORTFOLIO  
THE RIGHT SOLUTION FOR EVERYONE

**LT** **LOW TRANSLUCENCY**  
**zi**

- \_Ideal material for framework constructions**
- \_Extremely well suited for covering discolored/metallic structures**
- \_Outstanding mechanical properties**

**MULTILAYER**  
(with natural tooth shade gradient)

**PRESHADE**  
(pre-stained)

**WHITE**  
(white)

**zi white**



Ceramil Liquid CL

**TRANSLUCENCY →**

PROPERTIES CERAMILL ZI:  
4.5 - 5.6% Yttrium  
1200 Mpa  
4 - multi-pontic bridges  
- White + Liquids

**STRENGTH**



**HT+** HIGH TRANSLUCENCY  
ceramill® zolid ht+

- \_Natural esthetics at highest stability
- \_Ideal for implant-supported constructions and massive structures
- \_Indicated for up to 14-pontic bridges

**SHT** SUPER HIGH TRANSLUCENCY  
ceramill® zolid fx

- \_Highest translucency and esthetics
- \_Ideal for the anterior region
- \_Indicated for up to 3-pontic bridges, also in the molar region

ceramill® zolid fx multilayer



ceramill® zolid ht+ preshades



ceramill® zolid fx preshades



ceramill® zolid ht+ white



Ceramill Liquid new formula

ceramill® zolid fx white



Ceramill Liquid FX

EFFICIENCY →

PROPERTIES ZOLID HT+:  
6.7 - 7.2% Yttrium  
1100 Mpa  
4 - multi-pontic bridges  
- White + Liquids  
- 16 A-D (Preshades)

PROPERTIES ZOLID FX:  
9.15 - 9.55% Yttrium  
700 Mpa  
max. 3-pontic bridges  
- White + Liquids  
- 16 A-D (Preshades)

ESTHETICS



## ZOLID EDUCATION

# ESTHETICS ARE NOT HAPPENSTANCE

A product is only complete if one knows how to use it correctly. For this reason, Amann Girrbach offers a comprehensive information and training offer for the correct processing of the Zolid DNA materials to ensure that esthetics are not simply a matter of chance. In combination with the individual staining concepts, the didactically prepared print and online media as well as courses ensure the desired outcomes right from the start.



### STAINING TECHNIQUE GUIDE

Based on practical applications, the staining technique guide gives a step by step explanation of the staining process for restorations in the typical indication ranges for the Zolid DNA generation and takes one through the correct application of staining liquids and stains/glazing materials in a didactically well prepared manner.

[www.amanngirrbach.com/de/services/downloads/](http://www.amanngirrbach.com/de/services/downloads/)



### VIDEO TUTORIAL

The individual sequences of the video tutorials take the user "hands on" through the customizing process for selected indications of the Zolid DNA generation.

[www.amanngirrbach.com/de/services/downloads/videos/](http://www.amanngirrbach.com/de/services/downloads/videos/)



### COURSES

Perfect esthetics and precise processing of the material are the focus of the courses on the Zolid DNA generation. With a view to the requirements in dental practice, theoretical background knowledge is combined with tips on the correct management of zirconium oxide. Modern webinars allow worldwide participation in the courses.

[www.amanngirrbach.com/de/services/trainings/termine](http://www.amanngirrbach.com/de/services/trainings/termine)











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