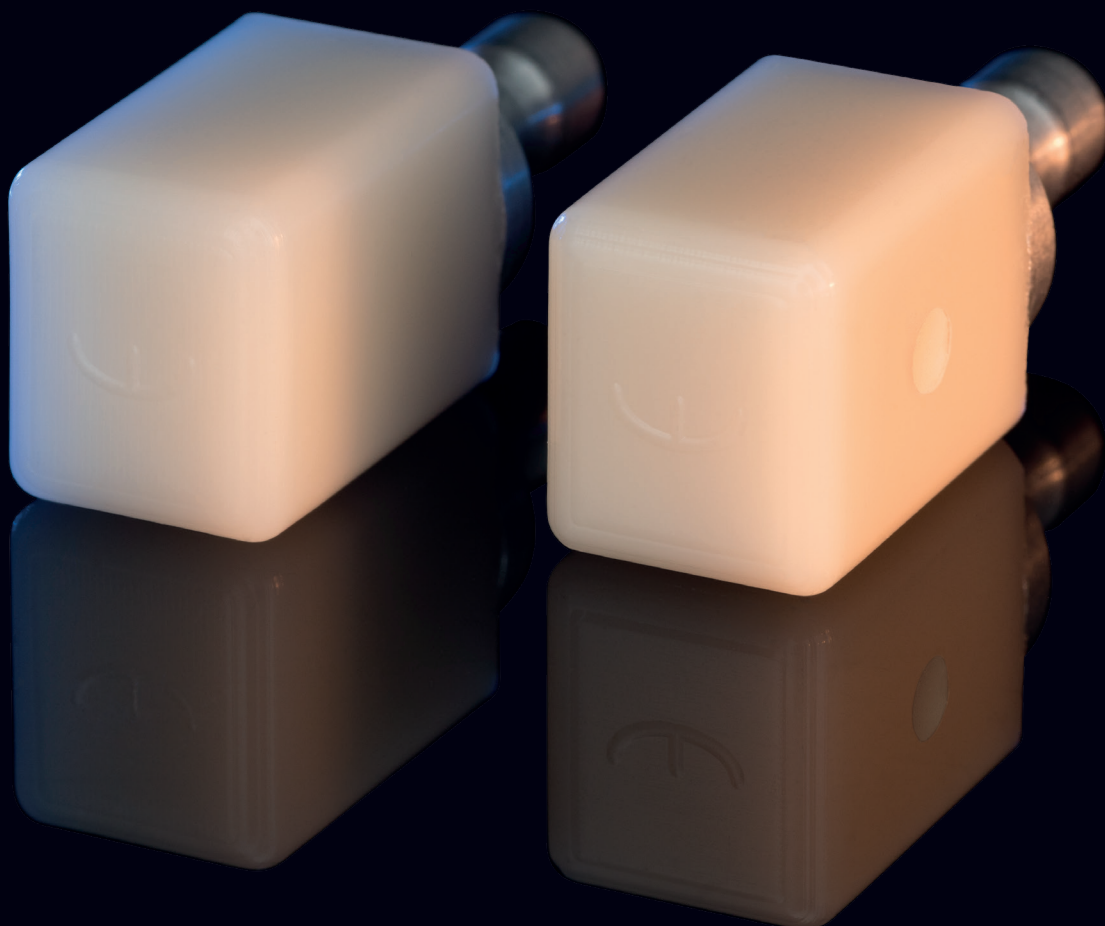


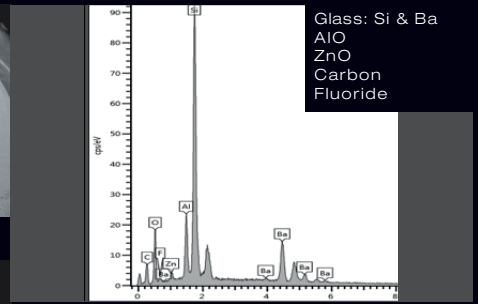
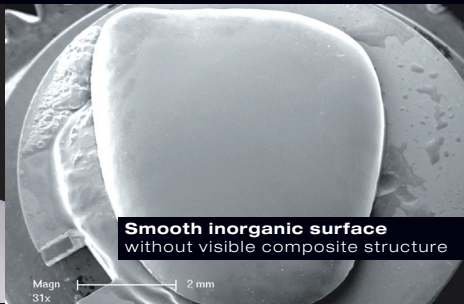
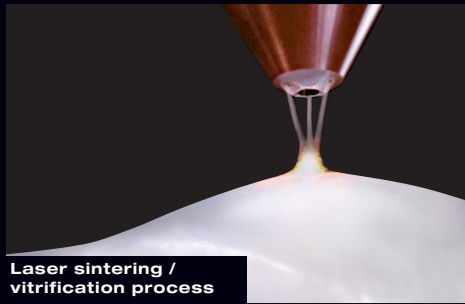
## **edelweiss CAD/CAM BLOCK** T-BLOCK/C-BLOCK/i-BLOCK

*Explore a single glass-ceramic phase embedded in a carbon matrix  
developed by the patented edelweiss laser sintering process*

■ **Minimally Invasive** ■ **Bio Esthetic** ■ **Bio Functional**

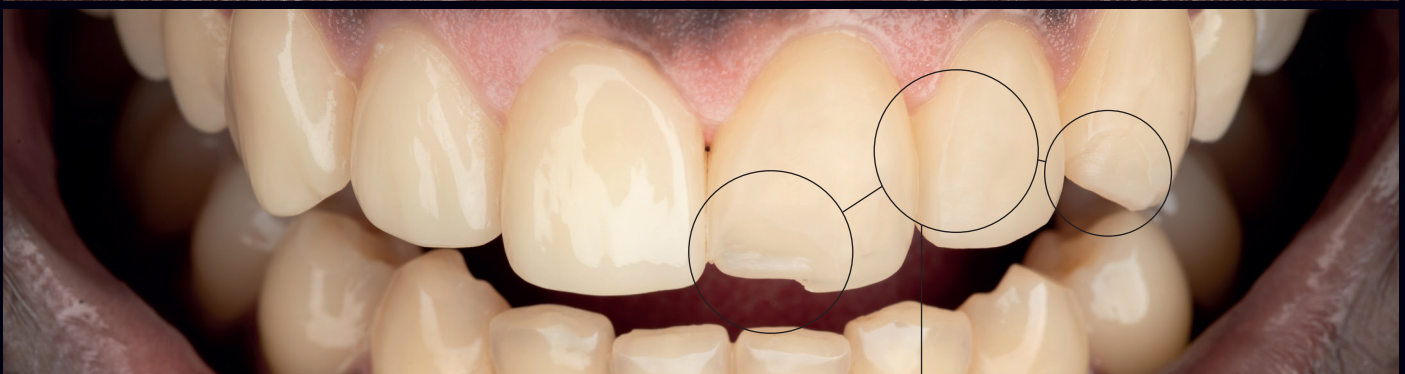
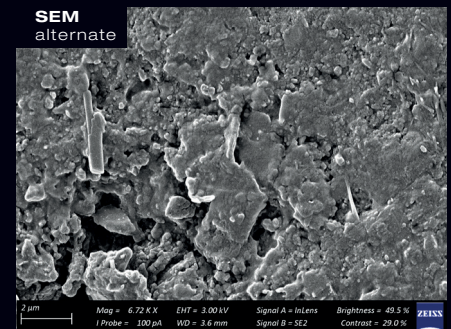
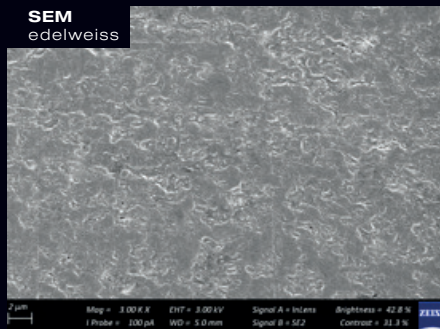


# edelweiss CAD/CAM BLOCK T-BLOCK/C-BLOCK/i-BLOCK



**Dr. Marco Tutts**  
DDS, MScD

*“The difference lies in the high similarity with nature.”*



## ADVANTAGES

- Ultrafine sintered glass-ceramic microstructure combines high strength with permanent high gloss
- Shorter milling time
- Kinder to the milling burs
- No additional firing required, simply polish and cement
- Simple cementation procedure with proven perfect seal
- Cost saving, faster processing time reduces chairside time
- Biomechanical and biocompatible
- Esthetically superior, life-like appearance
- Restoration can be easily finetuned or repaired by the dentist

## SPLIT MOUTH CLINICAL STUDY

After 4 weeks: edelweiss VENEERS maintain its original gloss and anatomy. Alternate veneers look dull and start to chip, with loss of its surface texture. Scratches appear on the surface of the alternate veneers as a result of tooth brush abrasion while the edelweiss VENEERS has its original shine.

**T-BLOCK**  
Translucent Enamel

**i-BLOCK** Implant  
Translucent Enamel & Chroma

**C-BLOCK**  
Chroma



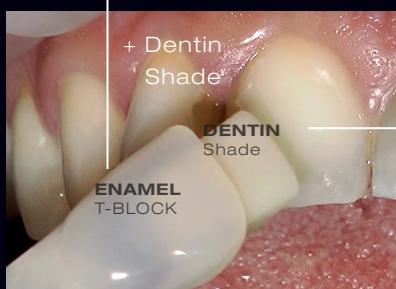
Enamel

A0

A1

A2

A3



Enamel  
+A0 Dentin

Enamel  
+A1 Dentin

Enamel  
+A2 Dentin

Enamel  
+A3 Dentin

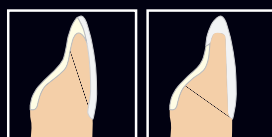
**ONLY BLOCK ON THE MARKET WITH A SOLID GLASS-CERAMIC PHASE**

**KEY FEATURES**

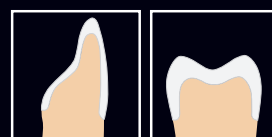
- Single glass-ceramic phase for esthetics
- Silica glass plus Aluminium oxide for compressive strength
- Carbon matrix for elasticity
- ZnO and F<sup>-</sup> for biocompatibility

**INDICATIONS**

THIN VENEERS / VENEERS



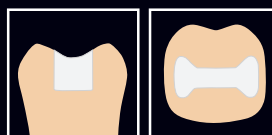
ANTERIOR / POSTERIOR CROWNS



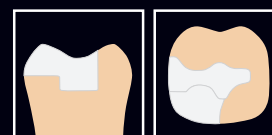
OCCLUSAL VENEERS IMPLANT CROWNS



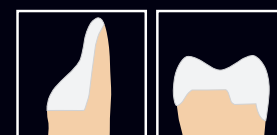
INLAYS



ONLAYS



PARTIAL CROWNS



CAD/CAM BLOCK	Manufacturing Process	Flexural Strength		Compressive Strength	Flexural Modulus	Surface Hardness
		Biaxial	Three Point			
Vita Enamic	Dispersed, chemical cured ceramic fillers	n/a	155 MPa	n/a	30 GPa	n/a
Lava Ultimate	Chemical cured ceramic fillers (methacrylate based)	n/a	204 MPa	383 MPa	12.8 GPa	n/a
BRILLIANT Crios	Chemical cured ceramic fillers (methacrylate based)	262 MPa	198 MPa	426 MPa	10.3 GPa	n/a
Shofu HC	Chemical cured ceramic fillers (methacrylate based)	n/a	191 MPa	472 MPa	9.6 GPa	66 HV
Tetric CAD	Chemical cured ceramic fillers (methacrylate based)	273.8 MPa	n/a	n/a	10.2 GPa	n/a
Cerasmart	Dispersed, chemical cured ceramic fillers	246 MPa	n/a	n/a	9.6 GPa	n/a
edelweiss *	Laser cured and sintered glass-ceramic phase	320 MPa	200 MPa	550 MPa	20 GPa	100 HV

\* edelweiss internal data (ISO 4049)

Source: Technical data from manufacturer's documentation.

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## PATIENT CASES

### Bruxism / C-BLOCK

YESTERDAY



TODAY



### VENEER / T-BLOCK

YESTERDAY



TODAY



### Implant / i-BLOCK

YESTERDAY



TODAY



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#820061 / 2021-07

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