



# Structur CAD

CAD / CAM COMPOSITE FOR LONG-TERM  
TEMPORARY RESTORATIONS

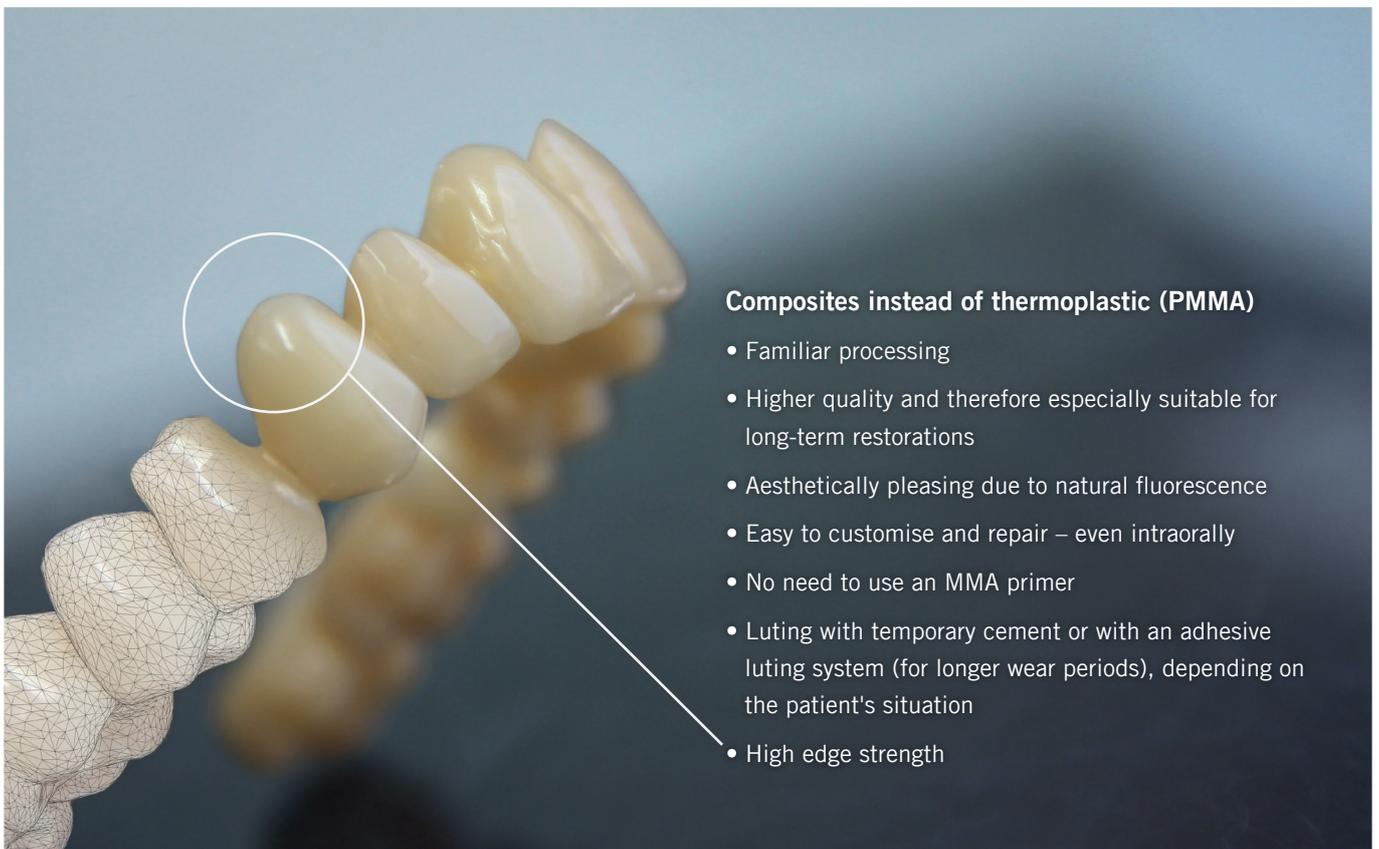


# Structur CAD

## THE LATEST GENERATION OF TEMPORARY RESTORATIONS

Looking for a long-term temporary which delivers on its promises and can also be created quickly and easily? No problem for Structur CAD, the composite for CAD / CAM-produced temporary restorations.

Structur CAD is a filled composite whose fillers ensure a high quality and thus a safe and reliable wearing period, in particular for long-term temporaries. As such, Structur CAD represents the latest generation of temporary restorations.



### Clinical case



Unsatisfactory initial situation



Initial situation – close-up



CAD / CAM bridge on the model

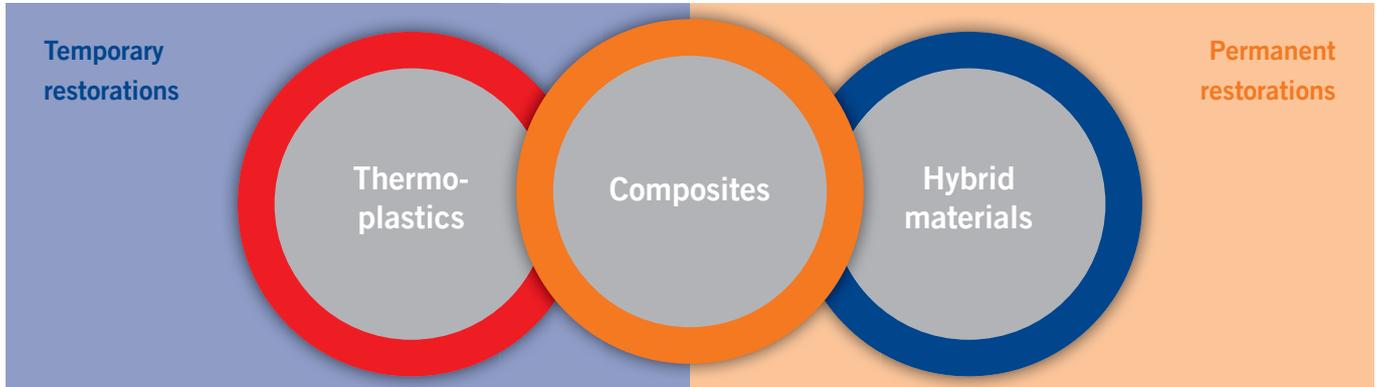


Structur CAD after insertion

Source: Dr. Felipe Araujo, Brazil

# Structur CAD

## IN COMPARISON



**Thermoplastics** (PMMA) are currently a frequently used material when it comes to CAD/CAM temporary restorations. Thermoplastics contain little to no filler, which results in reduced stability. They are also less aesthetically pleasing in their shade adaptation.

**Composites**, on the other hand, have long been established on the market as a material suitable for permanent restorations, and it is precisely this experience that makes composites the material of choice for long-term temporaries. Due to its filler content, this material class offers proven durability and at the same time it is highly aesthetically pleasing due to its toothlike fluorescence. Composites are therefore a happy medium when it comes to physical properties. **Structur CAD** – the latest generation of (long-term) temporary restorations

**Hybrid materials** are used to produce permanent restorations. Due to their very good physical properties, they are perfectly suited to this exact indication.



Practitioner:  
Dr. Yassine Harichane,  
France / Canada:  
*“Structur CAD is ideal for complex clinical cases. It helps in adhering to the treatment plan and is a solid long-term product. The aesthetic properties give an excellent preview of the final result. Thanks to CAD/CAM technology, I have beautiful and durable temporaries.”*



### Impressive durability

A measurement by the University of Regensburg of the breaking load of three-unit bridges evidences that Structur CAD has an extraordinary durability even after 600,000 load cycles, which corresponds to a wearing time of 2.5 years. None of the samples failed after application of these loads. In the subsequent measurement, Structur CAD showed a breaking load of 741 N (Prof. Dr. Martin Rosentritt, University Hospital Regensburg, Germany, Polyclinic for Dental Prosthetics). Its durability, aesthetics and shade stability thus make Structur CAD the ideal material for semi-permanent restorations.

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## CAD / CAM COMPOSITE FOR LONG-TERM TEMPORARY RESTORATIONS

### Indications

Temporary bridges spanning up to two pontics  
 Temporary abutment crowns  
 Temporary crowns

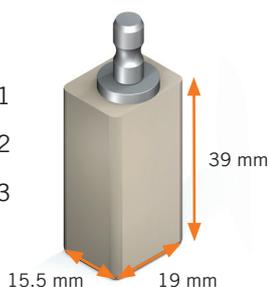
### Advantages

- Fast and efficient CAD / CAM production of precision-fit temporary restorations
- Highest quality and aesthetics for prolonged, safe wear – especially suitable for long-term provisional and semi-permanent restorations
- Excellent edge stability
- Effortless intraoral as well as extraoral polishing and individualisation
- No need to use an MMA primer

### Presentation

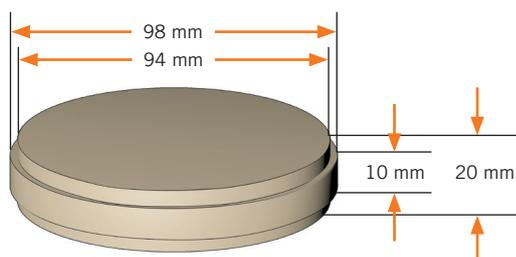
#### Blocs

REF 6076 Block 5 × No. 40L A1  
 REF 6077 Block 5 × No. 40L A2  
 REF 6078 Block 5 × No. 40L A3



#### Disc

REF 6071 Disc A1 20 mm  
 REF 6072 Disc A2 20 mm  
 REF 6073 Disc A3 20 mm



### Technical Data

3-point-flexural strength	136 MPa	Analogue ISO 10477
Compressive strength	477 MPa	Analogue ISO 9917
Modulus of elasticity	4,4 GPa	Analogue ISO 10477
Abrasion (200.000 cycles)	85 µm	ACTA-3-Media
Filler content	27 % w/w	DIN 51081



VOCO GmbH  
 Anton-Flettner-Straße 1-3  
 27472 Cuxhaven  
 Germany  
 Freecall: 00 800 44 444 555  
 Fax: +49 (0) 4721-719-140  
 info@voco.com  
 www.voco.dental

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