Tetric EvoCeram[®] & Tetric EvoFlow[®]

The universal composite & the flowable composite





Innovative and time-tested



Tetric EvoCeram features tried-and-tested, cutting-edge technology which allows impressive esthetic results to be achieved. With more than 100 million restorations placed, the universal composite has a proven track record of clinical success. The flowable composite Tetric EvoFlow is the ideal complement to Tetric EvoCeram in the restoration of anterior and posterior teeth, because Tetric EvoFlow is flowable when desired and stable as required. It is the top-selling flowable composite in Europe.

Whether you are in need of a sculptable or a flowable composite, the Tetric line of products offers you a suitable option for any indication.



SCULPTABLE

Bulk-filling technique

Tetric EvoCeram®

Incremental technique

The universal composite

The time-tested composite in 4 Dentin, 14 Enamel and 4 Bleach shades

Tetric EvoCeram® Bulk Fill

The bulk-fill composite

The efficient and esthetic 4-mm bulk-fill composite for posterior teeth, in 3 shades

FLOWABLE

Incremental technique

Tetric EvoFlow®

The flowable composite

The time-tested flowable composite, available in 3 Dentin, 8 Enamel and 3 Bleach shades



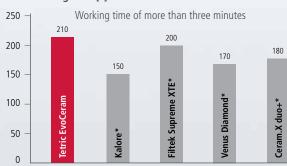
The universal composite

Long working time

Thanks to the patented light sensitivity filter, Tetric EvoCeram offers you sufficient time to sculpt and contour cusps, pits, fissures and marginal ridges.

Premature polymerization of the composite caused by the exposure to operatory and ambient light is thus a thing of the past. The light sensitivity filter acts like a protective shield, while it does not delay the polymerization process initiated with a curing light. Even though Tetric EvoCeram offers extended working time, it still enables short curing times of just ten seconds. (≥1,000 mW/cm²)

Working time [s]



* Not registered trademarks of Ivodar Vivadent AG.
Measurement acc. to ISO 4049 (8000 Lux), R&D Ivoclar Vivadent AG, Schaan,
Report October 2013

Natural shade blend

The optical properties of a composite are governed by the interplay of the monomer matrix and filler particles. The refractive index of the fillers and monomer used in Tetric EvoCeram are matched creating a true chameleon effect. Due to their lifelike shade and opacity, Tetric EvoCeram restorations blend seamlessly with the natural tooth structure.

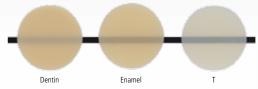
The Enamel, Dentin and T shades feature three different, lifelike degrees of translucency which ensure harmonious integration of Tetric EvoCeram restorations into the remaining dentition.

The light refraction index of the monomer corresponds to that of the filler, the glass rod in this case.



The light refraction indices of the monomer and the glass rod are different.

Translucency levels of the Tetric EvoCeram shades







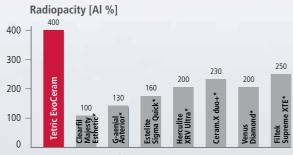
Excellent physical properties

Excellent radiopacity

The excellent radiopacity of a composite resin enables dentists to easily distinguish it from the dental hard tissue and the changes affecting the natural tooth structure (e.g. secondary decay). The higher the value, the easier it is to make a clear distinction between the composite and natural tooth structure on the x-ray. Among the products tested, Tetric EvoCeram is clearly the leading product in this respect.

Low volumetric shrinkage

Low polymerization shrinkage means less stress on the adhesive bond and less deformation of the dental hard tissue, which results in improved marginal integrity. This is exactly what Tetric EvoCeram offers you.



Not registered trademarks of Ivoclar Vivadent AG. Measurement acc. to ISO 4049, R&D Ivoclar Vivadent AG, Schaan, Report October 2013

Polymerization shrinkage [vol %]



* Not registered trademarks of Ivoclar Vivadent AG. R&D Ivoclar Vivadent AG, Schaan, Report October 2013 (Dilatometer, 1h)



14 Enamel shades 4 Bleach shades



Universal use in the anterior and posterior region

Tetric EvoCeram is the universal nano-hybrid composite for anterior and posterior restorations that affords outstanding esthetics. The filler technology employed in Tetric EvoCeram is based on an optimum blend of different fillers and filler sizes.



Class IV



Class V



Class I



Class II including the reconstruction of cusps

Benefits at a glance

- Universal nano-hybrid composite for anterior and posterior restorations
- Proven clinical performance with over 100 million restorations placed worldwide
- More working time due to the patented light sensitivity filter
- · Natural shade blend with surrounding dentition ensures outstanding restorative results

After









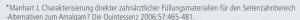
17 Tetric EvoCeram Bulk Fill IVA

15 Tetric EvoFlow Dentin A3.5, Tetric EvoCeram A2, IPS Empress Direct Color 15 Tetric EvoFlow Dentin A3.5, Tetric EvoCeram Bulk Fill IVA, IPS Empress Direct Color



Proven clinical performance – clearly the most convincing argument

The long-term clinical success of Tetric EvoCeram has been proven by numerous *in vivo* studies worldwide. In recall examinations, the restorations show a survival rate of 100%. This has been confirmed by the results of various 5-year studies. Thus the annual failure rate of Tetric EvoCeram is clearly below that of other composite resins*.







"No restorations were lost during the study period. The data gained in this study show that Tetric EvoCeram exhibits excellent clinical performance even after having been in place for several years."

Prof. Dr Paul Lambrechts, University of Leuven, Belgium

"After 5 years, none of the restorations examined had been lost. Tetric EvoCeram is a good clinical choice for anterior restorations."

Dr Carlos Munoz, Buffalo, Dr James Dunn, Loma Linda University, California, USA

"The study results show that the marginal quality of the restorations does not depend on the light intensity. None of the restorations placed in this study had to be redone. From a clinical perspective, this speaks in favour of Tetric EvoCeram."

Prof. Dr Antonio Cerutti, University of Brescia, Italy

"The results of the five-year evaluation of 615 restorations demonstrated that the composite had superior performance in all areas (97% clinical rating)."

Source: The Dental Advisor, Vol. 29, No. 8, October 2012

"Overall, the posterior teeth of 50 patients were restored with Tetric EvoCeram. At the 5-year recall, 34 patients were examined. The results confirm the high level of success achievable with Tetric EvoCeram: all the restoration are still in place."

Dr Arnd Peschke, Ivoclar Vivadent, Schaan, Liechtenstein



Before



Immediately after completion of the Tetric EvoCeram restoration



After 8 years
Dr Arnd Peschke, Ivoclar Vivadent AG, Schaan, Liechtenstein



Both flowable and stable



Flowable composites are products without which modern restorative dentistry would be unthinkable. They come in handy whenever surface affinity is desired. The flowable nano-hybrid composite Tetric EvoFlow is ideal for use in combination with regular-viscosity composites such as Tetric EvoCeram and Tetric EvoCeram Bulk Fill.

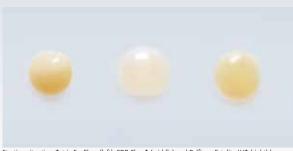
Both flowable and stable

Tetric EvoFlow is characterized by optimum surface affinity and simultaneous stability. It flows where it is needed and is stable when required. The Viscosity Controller is responsible for this behaviour, as it regulates the product's flowability upon dispensing. No voids remain under the restoration, even when restoring teeth in hard-to-reach areas.

Benefits at a glance

- Flowable when desired, stable as required
- · Ideal consistency for all composite indications
- The top-selling flowable composite in Europe



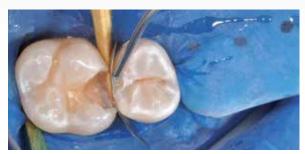


Starting situation: Tetric EvoFlow (left), SDR Flow* (middle) and Palfique Estelite LV* (right) have been applied to a vertically positioned glass slab. Source: Ivoclar Vivadent AG, Schaan, 2012



Result after 5 minutes





Pictures: Dr Eduardo Mahn, Santiago, Chile



Ideal consistency to suit all indications

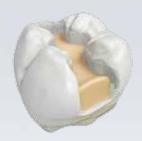


Dr Eduardo Mahn, Santiago, Chile



When dealing with challenging cases, I can rely on Tetric EvoFlow's good flow properties and appropriate, stable consistency. The composite is convenient to apply and thus allows me to achieve high-quality esthetic results.





Liner in combination with regularviscosity composites such as Tetric EvoCeram/Tetric EvoCeram Bulk Fill in Class I to V restorations



Extended fissure sealing

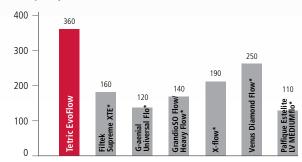


Small restorations of all kind (Class III and V).

Excellent radiopacity

The good radiopacity of a restorative material is the prerequisite for an accurate diagnosis of secondary caries. Tetric EvoFlow exhibits a radiopacity of 360% Al and thus makes it easier for clinicians to properly distinguish between dental hard tissue and restorative material.

Radiopacity [Al %]



Tetric delivery forms at a glance

	Tetric EvoCeram The universal composite			Tetric EvoCeram Bulk Fill The bulk-fill composite			Tetric EvoFlow The flowable composite		
Assortment	590290WW, 8 x 3 g syringes 1 x A1, A2, A3, A3.5, A4, B3, C3, D3 1 x Tetric EvoCeram shade guide						595951WW, 8 x 2 g syringes 1 x A1, A2, A3, A3.5, A4, B3, A3.5 Dentin, T 1 x Tetric EvoFlow shade guide		
							40 x 0.9-mm	tips	
							595950WW, 40 x 0.2 g Cavifils 5 x A1, A2, A3, A3.5, A4, B3, A3.5 Dentin, T 1 x Tetric EvoFlow shade guide		
		V, 40 x 0.2 g 3, A3.5, A4, B3,							
		Ceram shade gi							
	w & 40	\$ -					3	20.5	
Shade guide	590292WW			639035			595952WW		
Refills									
Dentin shades	Syringe	Syringes	Cavifils	Syringe	Syringes	Cavifils	Syringe	Cavifils	
	1 x 3 g	3 x 3 g	20 x 0.2 g	1 x 3 g	3 x 3 g	20 x 0.2 g	1 x 2 g*	20 x 0.2 g	
A2	637549WW	637736WW	637356WW				641360WW*	641349WW	
A 3.5	590323WW	590304WW	590342WW				595980WW*	595994WW	
A4 B2	590324WW 590325WW	590305WW 590306WW	590343WW 590344WW				641361WW*	641350WW	
02	330323****	330300****	3303444444				041501	041550000	
Enamel shades									
A1	590312WW	590293WW	590331WW			5%	595953WW*	595987WW	
A2	590313WW	590294WW	590332WW	<			595954WW*	595988WW	
A3 A3.5	590314WW	590295WW	590333WW	₹ 638244WW	638241WW	638227WW	595955WW*	595989WW	
A3.3	590315WW 590316WW	590296WW 590297WW	590334WW 590335WW				595956WW* 595978WW*	595990WW 595992WW	
B1	637547WW	637734WW	637354WW				641358WW*	641348WW	
B2	590317WW	590298WW	590336WW	<u>8</u> 638245WW	638242WW	638228WW	0113301111	0113101111	
B3	590318WW	590299WW	590337WW				595957WW*	595991WW	
C1	590319WW	590300WW	590338WW						
C2	590320WW	590301WW	590339WW						
C3	590321WW	590302WW	590340WW						
D2	637548WW	637735WW	637355WW						
D3	590322WW	590303WW	590341WW						
Highly translucent									
Enamel shade T									
- T	590326WW	590307WW	590345WW				595979WW*	595993WW	-
Bleach shades									2
Bleach XL	590327WW	590308WW	590346WW				595981WW*	595995WW	
DICUCII AL	590327WW	590308WW	590346WW	≥ 638246WW	638243WW	638229WW	595982WW*	595996WW	
Bleach I	JJ0J20VVVV	JJ JJ J J V V V V	JJ0J474VVV	> 030240777	050245000	330223VVVV	3333024444	2222204444	
Bleach L Bleach I	590329WW	590310WW	590348WW	_					

Characterization

Assortment

637898AN IPS Empress Direct Color/Opaque Assortment

1 x 1 g white, honey, blue, purple, ochre, brown, grey

1 x 1.8 g IPS Empress Direct Opaque

40 x 0.4-mm tips

5 x 0.9-mm tips

Refills

1 x 1 g honey 637900AN **1 x 1 g** blue 637901AN

1 x 1 g purple 637902AN

1 x 1 g ochre 637903AN **1 x 1 g** brown 637904AN **1 x 1 g** grey 637905AN



















20 x 0.4-mm tips black

(IPS Empress Direct Color) 634847



20 x 0.9-mm tips black

(Tetric EvoFlow and IPS Empress Direct Opaque)





Direct Restoratives

Tetric EvoCeram® and Tetric EvoFlow® form a part of the "Direct Restoratives" product category. The products of this category cover the procedure involved in the direct restoration of teeth – from preparation to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY::

Bluephase[®] Style

The curing light



The smallest LED for every use

- Every hand comfortable to hold for men and women
- Every material universal use due to Polywave® LED with broadband
- Every time optional corded operation due to Click & Cure

OptraGate®

Latex-free lip and cheek retractor



The gentle solution for a better view

- · Considerably enlarged access to the treatment field
- Enhanced patient comfort due to three-dimensional flexibility
- · Wide range of indications

Would you like to know more about the products of the "Direct Restoratives" category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.

> ivoclar vıvader passion vision innovation