The solution for all cavities

Tetric®
The composite

Prime Handling
Efficient Esthetics

The solution for all cavities
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Stripping back to the essentials has never felt better. The four newest composites of the proven Tetric product family offer increased efficiency and enhanced treatment results compared with the predecessor materials.

Tetric® Prime is a sculptable universal composite and Tetric EvoFlow® is a flowable universal composite for anterior and posterior restorations.

Tetric® PowerFill® is a sculptable and Tetric® PowerFlow® a flowable posterior 4-mm composite with light-curing times starting from 3 seconds.

Prime Handling

- creamy consistency
- good adaptability
- easy application
- easy contouring
- glossy surface
- good brushability
- easy application
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- glossy surface
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- easy application
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- easy contouring
- creamy consistency

chameleon effect ensures a natural shade blend
ture-to-nature esthetics for posterior restorations
time savings up to 57%
one kit for all cavities
superior handling in daily use

More than 500 million restorations placed worldwide

1 Tetric Prime and Tetric EvoFlow compared to Tetric EvoCeram and Tetric EvoFlow; data available upon request.
2 Tetric Prime offers excellent handling.
3 based on sales figures
4 More than 500 million restorations placed worldwide.
If you want to replace lost tooth structure with a natural-looking esthetic restoration, you will require materials designed to mimic the light optical properties of the natural enamel and dentin as closely as possible.

**Universal enamel shades for small defects**
In most cases, you will need to apply only one shade-matched material to achieve a lifelike esthetic result.

**Additional dentin shades for large defects**
Both Tetric Prime and Tetric EvoFlow offer various dentin shades with a low translucency to restore large defects or cavities with heavily stained dentin surfaces.

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**Chameleon effect ensures a natural shade blend**

Exceptional chameleon effect
The special monomer and filler mixture is responsible for the exceptional chameleon effect. This effect ensures a natural shade blend with the surrounding dentition.

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**Translucency levels of the Tetric® Prime shades**

<table>
<thead>
<tr>
<th>Material</th>
<th>Translucency Level</th>
</tr>
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<tbody>
<tr>
<td>Dentin</td>
<td>7%</td>
</tr>
<tr>
<td>Enamel</td>
<td>11.5%</td>
</tr>
</tbody>
</table>

* Example values
  R&D Ivoclar Vivadent, Liechtenstein, 2019

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**Anterior restoration** made of Tetric EvoFlow® A2 Dentin and Tetric® Prime A2

Source: Dr Carola Pentelescu, Ivoclar Vivadent, Liechtenstein

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**Posterior restoration** made of Tetric EvoFlow® A2 Dentin and Tetric® Prime A2

Source: Dr Carola Pentelescu, Ivoclar Vivadent, Liechtenstein

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* Example values
  R&D Ivoclar Vivadent, Liechtenstein
True-to-nature esthetics for posterior restorations

The 4-mm composites Tetric PowerFill and Tetric PowerFlow allow you to achieve the same esthetic results in the posterior region as with conventional composites.

The in-vitro test demonstrates the effect of the Aessencio technology:

The black lines under the Tetric PowerFlow sample are clearly visible before light-curing. After curing, they are completely masked due to the change in translucency:

True-to-nature esthetics for posterior restorations

The Aessencio® technology presents a milestone in the esthetic optimization of 4-mm composites. The material features a high initial translucency to be able to cure to the desired depth of cure. Whilst polymerizing, it gradually changes to a more opaque shade. In the case of Tetric PowerFlow, the final translucency is below 10% – a value that is very close to that of natural dentin. This allows stained tooth structure to be concealed effectively.

The in-vitro test demonstrates the effect of the Aessencio technology:

The black lines under the Tetric PowerFlow sample are clearly visible before light-curing. After curing, they are completely masked due to the change in translucency:

Well-matched materials:
The different consistencies and shades are uniquely formulated to be used in any combination. Very lifelike posterior restorations are possible, for example, when Tetric PowerFlow and Tetric Prime are combined.

The highly reactive, patented light initiator Ivocerin® has paved the way for the development of Tetric PowerFill and Tetric PowerFlow for esthetic posterior restorations.

Conventional composites designed for the placement of large increments are often very translucent. Ivocerin-containing composites offer enamel- and dentin-like translucency levels and up to 4-mm increment placements whilst achieving a reliable depth of cure.
High process reliability and fewer increments

Tetric PowerFill and Tetric PowerFlow combine the advantages of a streamlined application protocol with the process reliability of conventional composites.

The layer thickness can be increased to up to 4mm. Compared with conventional layering techniques, fewer increments are required, creating ideal conditions for you to minimize process errors.

Fewer errors thanks to short curing times

Light polymerization is seen as the most common source of error in direct restorative treatments. An efficient polymerization protocol that minimizes the curing time to the shortest possible length reduces the risks inherent in the light-curing step and increases the quality of the final restoration.

The light intensity produced by the curing device has a decisive effect on the length of time required to polymerize a composite. State-of-the-art curing lights can produce light intensities of up to 3,000 mW/cm². They allow exposure times to be reduced to be as short as 3 seconds in some cases. Should the curing light be accidentally moved during the curing procedure, the intelligent curing assistant of the Bluephase® PowerCure sends out an alert.

In addition, all shades of the Tetric family of products can be cured with the same exposure times.

<table>
<thead>
<tr>
<th>Light intensity (mW/cm²)</th>
<th>Curing time</th>
<th>Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 – 900</td>
<td>20 s</td>
<td></td>
</tr>
<tr>
<td>900 – 1,400</td>
<td>10 s</td>
<td>e.g. Bluephase® G4</td>
</tr>
<tr>
<td>1,800 – 2,200</td>
<td>5 s</td>
<td></td>
</tr>
<tr>
<td>2,700 – 3,300</td>
<td>3 s</td>
<td>e.g. Bluephase® PowerCure</td>
</tr>
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</table>
Four different composite materials are all you need to meet the requirements of every direct restorative need. And they even offer you flexibility to exercise your personal preferences in your restorative treatments.

**Sculptable handling and reduced stickiness**

Due to its creamy consistency, Tetric® Prime can be used with ease to restore anterior and posterior teeth. The reduced stickiness of Tetric® Prime and Tetric® PowerFill facilitates the creation of anatomical structures. Modelling instruments such as OptraSculpt® and OptraSculpt Pad® are ideal for this task.

**Flowable when desired**

While Tetric EvoFlow® is flowable under pressure, it remains in place when no pressure is exerted. Due to its thixotropic properties, Tetric EvoFlow® can be applied exactly where it is needed, making it suitable for use as a liner as well as a desired choice for small defects or anterior restorations.

**Self-levelling consistency**

Tetric® PowerFlow ensures excellent adaptation to cavity walls. It is ideally suited to fill large cavities in the posterior region.

**Time-tested quality and durability**

The Tetric range of products combines proven product features with state-of-the-art technology. The first protagonist of this range, Tetric EvoCeram®, has been successfully used in clinical applications for over ten years.

- **High radiopacity**
  - up to 400 % Al

- **Low shrinkage stress**
  - of e.g. 2.1 % in the case of Tetric PowerFill

- **Long processing times**
  - of more than 3 minutes

- **High flexural strength values**
  - e.g. Tetric PowerFill: 119 MPa

* according to ISO 4049
** batch W92823; measured by Ivoclar Vivadent

Dr med. dent. Manuela Brajković-Deković
Dental Clinic Poreč, Croatia

Tetric Prime has a creamy consistency, yet it is stable and very easy to adapt. I'm looking forward to using it in my practice.

Prime Handling

Excellent handling properties to suit every situation
One kit for all cavities

The Tetric Line kit comprises all 4 composite materials in the most popular shades for everyday restorative applications. With Tetric Prime, Tetric PowerFill and Tetric PowerFlow, the kit features the latest developments of the Tetric family, enabling a streamlined application protocol and excellent handling.

- **Tetric® Prime**: shades A2, A2 Dentin and A3 are included in the kit.
- **Tetric EvoFlow®**: shade A3 is included in the kit.
- **Tetric® PowerFill**: shade *A is included in the kit.
- **Tetric® PowerFlow**: shade *A is included in the kit.

Example of a Tetric Line System Kit
Experience the difference with 3s PowerCure

When direct Class I and II restorations are placed in permanent posterior teeth, 3-second exposures from the occlusal aspect are sufficient for all curing steps with the Bluephase PowerCure in the 3sCure mode. Simply expose Adhese Universal, Tetric PowerFill and Tetric PowerFlow to the light-intensity of 3,000 mW/cm² produced by the curing light. You will notice right away that the curing time you require is considerably reduced. At the same time, you will continue to achieve the customary high-quality esthetic results.

Save up to 57% on time in the posterior region

Maximize the efficiency of your workflow with Tetric PowerFill and Tetric PowerFlow. This means: You will need fewer increments, fewer changes of composite, modelling instrument and curing light to complete a restoration – whilst achieving the same or even better treatment results compared with conventional layering techniques.

The 3s PowerCure product system enables you to increase the efficiency of your workflow even further by offering 3-second exposure times compared with the placement of conventional 4-mm composites.

Efficiency

There is no way around the polymerization of composite materials. A 3-second cure comes in exceptionally handy here.

Dr Nathaniel Lawson
Assistant Professor and Division Director of Biomaterials
UAB School of Dentistry, Birmingham, USA

Fewer steps thanks to 4-mm increments:

<table>
<thead>
<tr>
<th>Fill</th>
<th>Cure</th>
<th>Fill</th>
<th>Cure</th>
<th>Fill</th>
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<tr>
<td></td>
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<tr>
<td>2</td>
<td></td>
<td></td>
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Efficient esthetics – even better together

The efficiency of the treatment procedure can be enhanced even further by combining the Tetric line with other state-of-the-art products from Ivoclar Vivadent.

"While I had to schedule 45 minutes for an MOD filling in the past, I only need 30 minutes today for this type of restoration in the same high quality and esthetics – thanks to Tetric® PowerFill, Adhese® Universal and the short light-curing times of the Bluephase® PowerCure."

Dr Petr Hajný
Prague, Czech Republic

3 instead of 2 patients treated in the same amount of time without compromises in quality

Save valuable time during appointments.

The diagram compares the time scheduled for conventional and efficiency-optimized treatment protocols to place Class II MOD restorations.

More information:
www.ivoclarvivadent.com/hajny-en

1 Isolate
Effective isolation with OptraGate®, cotton rolls and saliva ejector

2 Bond
Direct intraoral application of Adhese® Universal with the efficient VivaPen®

3 Contour
Time-saving contouring with OptraSculpt® due to its anti-stick effect

4 Cure
Reliable and fast curing with the Bluephase® curing units

5 Polish
High-gloss polishing in only one step OptraGloss®

Efficient Esthetics

Products that are optimally coordinated for direct restorative procedures enhance the efficiency with which high-quality esthetic restorations can be achieved.

Source: Special Feature “A fast and comfortable way of restoring teeth”, Ivoclar Vivadent

45 minutes
30 minutes

conventional
efficiency-optimized
Tetric CAD – the esthetic composite block

Tetric CAD is an esthetic composite block for the efficient fabrication of indirect single-tooth restorations by means of the CAD/CAM technique. Due to the material’s excellent chameleon effect, Tetric CAD restorations blend seamlessly with the remaining natural tooth structure. Tetric CAD ideally complements the Tetric line range of conventionally layered composite resins for inlays, onlays, veneers and crowns. Immediately after grinding, the restorations are polished and then seated using an adhesive cementation protocol. This processing technique is very efficient and allows esthetic results to be achieved quickly and easily.

The blocks are available in two translucency levels: MT (Medium Translucency, recommended for laminate veneers and crowns), which is available in five shades, and HT (High Translucency, recommended for inlays and onlays), which is available in four shades. While the small size I12 block is suitable for inlays, the large block C14 provides sufficient material for a crown.

"Tetric CAD is fast and easy to process. After the restoration has been ground, it can be polished to a high gloss in no time."

Dr Lukas Enggist
Ivoclar Vivadent, Schaan, Liechtenstein

Tetric composites

<table>
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<tr>
<td>Highly translucent enamel shade (15%):</td>
<td>A2 Dentin, A3.5 Dentin</td>
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<tr>
<td>Bleach shades:</td>
<td>Bleach L</td>
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Shade guide Tetric Prime shade guide
Shade guide Tetric EvoFlow shade guide

Tetric® PowerFlow – The flowable 4-mm composite

Refills: Available as 1 x 2-g syringes and 20 x 0.2-g Cavifils in the following shades:
| Dentin shades (<10%): | A1, A2, A3, A3.5, A4, B1, B2, C2 |
| Highly translucent enamel shade (<20%): | A2 Dentin, A3.5 Dentin |
| Bleach shades: | IB, IV, IVW |

Shade guide Tetric PowerFill & Tetric PowerFlow shade guide

Tetric Line – The solution for all cavities

Refills: Available as 1 x 3-g syringes, 3 x 2-g syringes and 20 x 0.2-g Cavifils in the following shades:
| Universal shades (15%): | A1, A2, A3, A3.5, A4, B1, B2, C2 |
| Bleach shades: | IB, IV, IVW |

Shade guide Tetric PowerFill & Tetric PowerFlow shade guide

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