Tetric Evo-Line
The composite

One solution
for all cavities

Efficient
Esthetics
One solution
for all cavities

The Tetric Evo-Line of products consists of four well-coordinated composite resins for your direct restorative needs.

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

Tetric EvoCeram® Bulk Fill is a sculptable composite and Tetric EvoFlow® Bulk Fill a flowable composite for 4-mm bulk placement in the posterior region.

Advantages that convince users

– chameleon effect that ensures a natural shade blend
– true-to-nature esthetics for posterior restorations
– time savings of up to 47%¹
– one kit with only 6 materials for all cavities

More than

200 million restorations placed worldwide²
Tetric EvoCeram Bulk Fill and Tetric EvoFlow Bulk Fill compared to Tetric EvoCeram and Tetric EvoFlow; data available upon request.

Based on sales figures

A total of 890 fillings were monitored worldwide in seven clinical studies over observation periods ranging from 5 to 10 years. The overall survival rate calculated for Tetric EvoCeram was 95.1 per cent.
Chameleon effect ensures a natural shade blend

The lifelike reconstruction of lost tooth structure requires a material that features light optical properties which come very close to those of natural enamel and dentin.

The shade concept:

**One universal enamel shade for small defects**
When working with the composites of the Tetric Evo-Line, one universal shade is sufficient to achieve a lifelike, esthetic result in most clinical scenarios.

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

Translucency levels of the Tetric EvoCeram® shades

- **Dentin**: 7 – 10%*
- **Enamel**: 12 – 15%*

* Example values

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**Anterior restorations** made of Tetric EvoFlow® A2 Dentin and A1

Source: Dr Ronny Watzke, Modar Vadent, Liechtenstein

Starting situation: Diastema and defective fillings in teeth 12, 13, 22 and 23

Final situation:
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.

The refractive index of the monomer matrix matches that of the fillers—in this case, of the glass rod. It appears nearly invisible.

Posterior restoration made of Tetric EvoFlow® A2 Dentin and Tetric EvoCeram® A2

Source: Dr Stephanie Huth, Ivoclar Vivadent, Liechtenstein, 2016
True-to-nature esthetics for posterior restorations

Tetric EvoCeram® Bulk Fill and Tetric EvoFlow® Bulk Fill allow the same excellent esthetic results to be achieved in the posterior region as conventional composites. This has been confirmed by a multi-centre study conducted by Miletic, PhD, MSc, Prof. Dr Hickel, Prof. Dr Van Meerbeek and Prof. Dr Tarle.¹

The development of the esthetic Tetric EvoCeram Bulk Fill and Tetric EvoFlow Bulk Fill materials would not have been possible without the highly reactive and patented Ivocerin® light initiator.

Conventional bulk-fill composites are often very translucent. Ensuring a reliable depth of cure, composite resins incorporating Ivocerin can be placed in increments of up to 4 mm and achieve an enamel or dentin-like translucency.

¹ Vesna Miletic, Reinhard Hickel, Bart Van Meerbeek, Zrinka Tarle. (2018); Bulk- versus layer-filled Class-II restorations: 1-year 'CED-IADR' PBRN clinical study; CED-IADR.
The **Aessencio**® technology represents a significant milestone in the esthetic optimization of bulk-fill composites. During the polymerization process, the translucency level of Tetric EvoFlow Bulk Fill changes to a dentin-like translucency of less than 10 percent. This allows stained dentin to be effectively concealed.

The in-vitro test demonstrates the effect of the Aessencio technology: The black lines under the Tetric EvoFlow Bulk Fill sample are clearly visible before light-curing. After curing, they are completely masked due to the change in translucency:

![Tetric EvoFlow Bulk Fill before and after polymerization](image)

**Well-matched materials:**
The different consistencies and shades are uniquely formulated to be used in any combination. Very lifelike restorations are possible, for example, when Tetric EvoFlow Bulk Fill and Tetric EvoCeram are combined.
Time-tested quality and durability

The Tetric Evo-Line combines proven features and state-of-the-art technology. Tetric EvoCeram® was the first product of the range. It has been successfully used in clinical practice for more than 10 years.

"I have used Tetric EvoCeram ever since it was launched. It is very reassuring to see that the quality of the restorations continues to be outstanding, even after a number of years. My experiences have been excellent not only with Tetric EvoCeram, but also with its predecessor, Tetric Ceram. Therefore, I expect similar performance of the further developed Tetric EvoCeram® Bulk Fill."

Dr Eduardo Mahn
Director, Clinical Research and Esthetic Dentistry Program, Universidad de los Andes, Santiago, Chile

Learn more about the topic of durability:
www.ivoclarvivadent.com/telstudies-en

More than 200 million restorations placed worldwide

95% survival rate
Bulk-filling materials offer enhanced process reliability

Due to their efficient application protocol, bulk-fill materials are less technique sensitive than conventional composite resins.

The reason: Fewer layers need to be applied as increased layer thicknesses of up to 4 mm¹ are possible. This makes application of the composite less error prone and increases the ability to achieve successful long-term results.

Further benefits

- less process-related air entrapment
- reduced risk of post-operative sensitivity²

¹ The maximum layer thicknesses recommended for our bulk-fill materials have been increased from 2 mm to up to 4 mm.
² Postoperative sensitivity may be caused, inter alia, by fillings that are not completely cured. This risk is reduced in bulk-fill materials as their depth of cure is considerably higher than that of conventional composites.

Starting situation

One 4-mm increment of Tetric EvoCeram Bulk Fill is applied.

Final situation

Source: Marcos Vargas (DDS, MS), University of Iowa, USA
Excellent handling properties to suit every situation

Composite resins must be designed to provide optimum handling, independent of the cavity class, clinical situation or personal preferences of the user.

Sculptable handling and reduced stickiness

The reduced stickiness of Tetric EvoCeram and Tetric EvoCeram Bulk Fill facilitates the creation of anatomical tooth structures. Modelling instruments such as OptraSculpt® are ideal for this purpose.

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-leveling consistency

Tetric EvoFlow Bulk Fill ensures excellent adaptation to cavity walls. It is ideally suited to fill large cavities in the posterior region.
• **high radiopacity**
  of up to 400 % Al

• **low shrinkage stress**
  of e.g. 1.96 % in the case of Tetric EvoCeram Bulk Fill

• **long working time**
  of more than 3 minutes*

• **short curing intervals,**
  e.g. from 5 seconds with the Bluephase Style 20i
  for all shades

* according to ISO 4049
One kit with only 6 materials for all cavities

The size of dental defects in anterior and posterior teeth can vary considerably. Therefore, dentists require materials in different consistencies, shades, layer thicknesses and degrees of translucency to adequately restore all types of damaged teeth.

Ivoclar Vivadent offers a System Kit with 6 different composite resins that are intuitive to use. With this small range of materials, all types of cavities can be filled:

**Tetric EvoCeram®** A2, A2 Dentin and A3, **Tetric EvoFlow®** A3 as well as **Tetric EvoCeram®** Bulk Fill “A” and **Tetric EvoFlow®** Bulk Fill “A”.

The System Kits have been designed to fit the drawer of any dental unit.

Example of a Tetric Evo-Line System Kit

Save up to 47% on time in the posterior region

Bulk-filling technology\(^1\) provides a more efficient treatment workflow. This means: Materials and instruments need to be changed less frequently and fewer curing cycles need to be performed due to the reduced number of increments. At the same time, equally good or even better treatment results are attainable compared with the conventional layering technique.
Fewer treatment steps thanks to the bulk-filling technique:

<table>
<thead>
<tr>
<th>Fill</th>
<th>Cure</th>
<th>Fill</th>
<th>Cure</th>
<th>Fill</th>
<th>Cure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

1. Compared to Tetric® EvoFlow and Tetric® EvoCeram; data available on request.
Efficient esthetics – even better together

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

"I have analyzed the restorations placed in more than 100 patients based on before and after digital images with the date and time stamps. 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 EvoCeram® Bulk Fill, Adhese® Universal and the short polymerization times provided by Bluephase® Style."

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. **Restore**
   Tetric Evo-Line – One solution for all cavity classes

4. **Contour**
   Time-saving contouring with OptraSculpt® due to its anti-stick effect

5. **Cure**
   Reliable and fast curing with the Bluephase® curing units

6. **Polish**
   High-gloss polishing in only one step OptraPol®

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

<table>
<thead>
<tr>
<th>Tetric Evo-Line</th>
<th>Tetric CAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct restorations</td>
<td>Indirect restorations</td>
</tr>
<tr>
<td>Class I – V</td>
<td>Inlays, onlays, veneers, crowns</td>
</tr>
</tbody>
</table>
# Delivery forms

## Tetric Evo-Line

### Tetric EvoCeram® – The universal composite

<table>
<thead>
<tr>
<th>Assortments</th>
<th>Assortment 8 x 3-g syringes 1 x A1, A2, A3, A3.5, A4, B3, C3, D3 1 x Tetric EvoCeram shade guide</th>
<th>Assortment 40 x 0.2-g Cavifils 5 x A1, A2, A3, A3.5, A4, B3, C3, D3 1 x Tetric EvoCeram shade guide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade guide</td>
<td>Tetric EvoCeram shade guide</td>
<td>Tetric EvoCeram shade guide</td>
</tr>
<tr>
<td>Refills</td>
<td>available as 1 x 3-g syringes, 3 x 3-g syringes and 20 x 0.2-g Cavifils in the following shades:</td>
<td>available as 1 x 3-g syringes, 3 x 3-g syringes and 20 x 0.2-g Cavifils in the following shades:</td>
</tr>
<tr>
<td></td>
<td>Enamel shades (12%): A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3</td>
<td>Dentin shades (7%): A2 Dentin, A3.5 Dentin, A4 Dentin, B2 Dentin T</td>
</tr>
<tr>
<td></td>
<td>Highly translucent enamel shade (15%): Bleach shades:</td>
<td>Highly translucent enamel shade (23%): Bleach shades:</td>
</tr>
</tbody>
</table>

### Tetric EvoFlow® – The universal flowable composite

<table>
<thead>
<tr>
<th>Assortments</th>
<th>Assortment 8 x 2-g syringes 1 x A1, A2, A3, A3.5, A4, B3, A3.5 Dentin, T 40 x 0.9-mm tips</th>
<th>Assortment 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</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade guide</td>
<td>Tetric EvoFlow shade guide</td>
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<td>Refills</td>
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### Tetric EvoCeram® Bulk Fill – The sculptable bulk-fill composite

<table>
<thead>
<tr>
<th>Shade guide</th>
<th>Bulk-fill shade guide (Tetric EvoCeram Bulk Fill / Tetric EvoFlow Bulk Fill)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refills</td>
<td>available as 1 x 3-g syringe, 3 x 3-g syringes and 20 x 0.2-g Cavifils in the following shades:</td>
</tr>
<tr>
<td></td>
<td>Universal shades (15%): IV_B, IV_W</td>
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### Tetric EvoFlow® Bulk Fill – The flowable bulk-fill composite

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<td>Dentin shades (&lt; 10%): IV_A, IV_B, IV_W</td>
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</table>

## Accessories

- 20 x 1.2-mm tips black Tetric EvoFlow Bulk Fill
- 20 x 0.9-mm tips black Tetric EvoFlow and IPS Empress Direct Opaque

1. Translucency (sample values), Technical Data Sheet Ivoclar Vivadent
## Tetric CAD

### Tetric® CAD – The esthetic composite block

<table>
<thead>
<tr>
<th>Tetric CAD for PrograMill</th>
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<tbody>
<tr>
<td>MT (Medium Translucency)</td>
<td></td>
</tr>
<tr>
<td>Block size C14:</td>
<td>5x A1, A2, A3, A3.5, BL each</td>
</tr>
<tr>
<td>Block size I12:</td>
<td>5x A1, A2, A3, A3.5, BL each</td>
</tr>
<tr>
<td>HT (High Translucency)</td>
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</tr>
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<td>Block size C14:</td>
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### Tetric CAD for CEREC/InLab

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### Tetric CAD for PlanMill

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1 Available from October 2018

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## Tetric Evo-Line System Kits

### Tetric Evo-Line System Kit Cavifil

55 x 0.2-g Cavifils

- 10x Tetric EvoCeram Bulk Fill A
- 10x Tetric EvoFlow Bulk Fill A
- 10x Tetric EvoCeram A2
- 5x Tetric EvoCeram A2 Dentin
- 10x Tetric EvoFlow A3

### Tetric Evo-Line System Kit Syringe

4x 3-g syringes and 2x 2-g Luerlock syringes

- 1x Tetric EvoCeram Bulk Fill A
- 1x Tetric EvoFlow Bulk Fill A
- 1x Tetric EvoCeram A2
- 1x Tetric EvoCeram A3
- 1x Tetric EvoCeram A2 Dentin
- 1x Tetric EvoFlow A3