One solution for all cavity classes

Tetric Evo product line

Tetric EvoFlow®

Tetric EvoCeram®

Tetric EvoFlow® Bulk Fill
### One solution for all cavity classes

**Posterior region: Class I & II**

<table>
<thead>
<tr>
<th>Class I &amp; II</th>
<th>Our recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>If you want...</strong></td>
<td></td>
</tr>
<tr>
<td>one-step efficiency...</td>
<td>Tetric EvoCeram Bulk Fill</td>
</tr>
<tr>
<td>efficiency and esthetics and full shade selection...</td>
<td>Tetric EvoFlow Bulk Fill(^1) and Tetric EvoCeram(^2)</td>
</tr>
<tr>
<td>efficiency and esthetics in very deep cavities (&gt; 6 mm)...</td>
<td>Tetric EvoFlow Bulk Fill(^1) and Tetric EvoCeram Bulk Fill(^1)</td>
</tr>
<tr>
<td>efficiency and coverage of discoloured dentin...</td>
<td>Tetric EvoFlow (Dentin(^3)) and Tetric EvoCeram Bulk Fill</td>
</tr>
<tr>
<td>conventional layering...</td>
<td>Tetric EvoCeram(^2)</td>
</tr>
<tr>
<td>more esthetic conventional layering...</td>
<td>Tetric EvoCeram(^2) (Dentin and Enamel shades)</td>
</tr>
</tbody>
</table>

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\(^1\) in the appropriate basic shade (\(^{\text{IV}}\)A for A shades, C shades & D shades; \(^{\text{IV}}\)B for B shades; \(^{\text{IV}}\)W for Bleach shades);

\(^2\) available in 22 shades and 3 translucencies;

\(^3\) as a liner
Posterior region: Class I & II

**Single-layer technique**
- Tetric EvoCeram® Bulk Fill
- ≤ 4 mm

**Two-layer technique**
- Tetric EvoCeram®
- ≤ 4 mm
- ≤ 6 mm
- Tetric EvoFlow® Bulk Fill
- ≤ 4 mm
Anterior region: Class III & IV

<table>
<thead>
<tr>
<th>Class III &amp; IV</th>
<th>Our recommendation</th>
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</thead>
<tbody>
<tr>
<td>If you want...</td>
<td></td>
</tr>
<tr>
<td>conventional layering...</td>
<td>Tetric EvoCeram¹ (Dentin and Enamel shades)</td>
</tr>
<tr>
<td>good material adaptation to the bevel...</td>
<td>Tetric EvoFlow² (as a liner) and Tetric EvoCeram (Enamel)</td>
</tr>
<tr>
<td>to close a diastema...</td>
<td>Tetric EvoFlow</td>
</tr>
</tbody>
</table>

¹ available in 22 shades (18 Enamel & 4 Dentin shades) and 3 translucencies; available in 14 shades and 3 translucencies
Anterior region: Class III & IV

Build-up of the enamel layer with Tetric EvoCeram

Build-up of the dentin core with Tetric EvoCeram Dentin
### Class V

<table>
<thead>
<tr>
<th>If you want...</th>
<th>Our recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>to restore small defects...</td>
<td>Tetric EvoFlow(^2)</td>
</tr>
<tr>
<td>to restore large defects...</td>
<td>Tetric EvoCeram(^1) (Enamel shades)</td>
</tr>
<tr>
<td>to restore large defects highly esthetically...</td>
<td>Tetric EvoCeram(^1) (Dentin and Enamel shades)</td>
</tr>
</tbody>
</table>

\(^1\) available in 22 shades (18 Enamel & 4 Dentin shades) and 3 translucencies; \(^2\) available in 14 shades and 3 translucencies
Restoration of a small Class V defect with Tetric EvoFlow

Restoration of a large Class V defects with Tetric EvoCeram
### Deciduous Teeth (Class VI)

<table>
<thead>
<tr>
<th>If you want...</th>
<th>Our recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>efficiency and natural esthetics...</td>
<td>Tetric EvoFlow(^1) Bulk Fill</td>
</tr>
<tr>
<td>efficiency and sculptability*...</td>
<td>Tetric EvoCeram(^1) Bulk Fill</td>
</tr>
<tr>
<td>conventional layering...</td>
<td>Tetric EvoCeram(^2) (Enamel shades only)</td>
</tr>
</tbody>
</table>

* in cases of tooth agenesis (e.g. hypodontia) or dislocation

\(^1\) in the appropriate basic shade (with very bright deciduous teeth: \(^{4W}\)); \(^2\) available in 18 Enamel shades
## Further indications

<table>
<thead>
<tr>
<th>If you want...</th>
<th>Our recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>to repair veneers¹...</td>
<td>Tetric EvoCeram or Tetric EvoFlow²</td>
</tr>
<tr>
<td>to block out undercuts...</td>
<td>Tetric EvoFlow</td>
</tr>
<tr>
<td>to splint mobile teeth...</td>
<td>Tetric EvoFlow</td>
</tr>
<tr>
<td>to do reconstructive build-ups...</td>
<td>Tetric EvoCeram Bulk Fill</td>
</tr>
<tr>
<td>to do build-ups for Invisalign®*...</td>
<td>Tetric EvoCeram³</td>
</tr>
</tbody>
</table>

¹ made of composite or ceramic; ² depending on the desired consistency, ³ e.g. in shade T

* This product is not a registered trademark of Ivoclar Vivadent AG.
Further indications

Reconstructive build-ups with Tetric EvoCeram Bulk Fill

Blocking out of undercuts with Tetric EvoFlow
When to use Bulk Fill and when not?

In which cases should bulk-fill materials be used?

Bulk-fill materials can be applied in thick increments (up to 4 mm). They are less technique-sensitive and increase the efficiency of the treatment.

Recommended areas of application for bulk-fill materials:
- posterior region (Class I & II)
- pediatric dentistry
Why should you use bulk-fill materials?

**Increased process reliability**
The long-term treatment success greatly depends on the correct treatment procedure. This is especially true for technique-sensitive procedures such as those used in the direct filling therapy.

This is why a material with less technique sensitivity increases the likelihood of a successful treatment in the long-term.

Due to the following reasons, bulk-fill materials are less technique-sensitive than conventional composites:

1. Higher curing depths\(^1\)
2. Reduction of application-related air bubbles\(^2\)
3. Reduced risk of postoperative sensitivity\(^3\)

**Higher efficiency**
Up to 47% time savings when placing a filling\(^4\)

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\(^1\) 4 mm instead of 2 mm; \(^2\) the fewer increments are applied in total, the smaller is the likelihood of air bubbles occurring between the applied layer; \(^3\) postoperative sensitivities may be caused by restorations which are not fully cured. This risk is reduced as bulk-fill materials show a significantly higher curing depth than conventional composites.; \(^4\) source: ICDE, Ivoclar Vivadent AG, 2014
Studies: Bulk-fill materials work

General performance

Bulk-fill composites show lower annual failure rates than the scientific benchmark:

AFR* Tetric EvoCeram Bulk Fill = 1.4%

AFR* (scientific benchmark) = 2.2%

Bulk-fill materials have proved themselves in clinical use:


*AFR = “annual failure rate”
Bulk-fill composites show lower shrinkage stress during polymerization compared to conventional composites:


Flowable bulk-fill composites: The shrinkage stress has no negative impact on cusp movement:


Tetric EvoCeram® Bulk Fill showed the lowest shrinkage stress compared to all other tested composites:


The marginal quality of bulk-fill restorations is comparable to conventional composites (if applied correctly):

Studies: Bulk-fill materials work

**Esthetics**

Tetric EvoFlow® Bulk Fill and Tetric EvoCeram® Bulk Fill are comparable to conventional composites in terms of esthetics:

Manhart, J. (2015). Intelligent direct restorative technique for posterior restorations. Special Feature Ivoclar Vivadent AG, 4-9


Even stained dentin can be covered easily with Tetric EvoFlow® Bulk Fill:


**Efficiency**

Tetric EvoCeram® Bulk Fill: “I can now treat three patients in the same time I used to do two”; time-savings of up to 43% per patient:


Compared to the conventional filling technique, bulk filling is more efficient, without having to make any compromises:


Compared to conventional restorative therapy, approx. 47% of the treatment time can be saved while the same restorative quality is achieved:

ICDE, Ivoclar Vivadent AG, Schaan, December 2014
Tetric EvoCeram® – 10 years of clinical experience

Tetric EvoCeram® shows very good clinical performance in 10 years of experience:


Tetric EvoCeram® shows lower annual failure rates than the scientific benchmark*:  

AFR* Tetric EvoCeram = 1.9%  

*AFR = “annual failure rate“; scientific benchmark: AFR = 2.2% (Manhart et al. 2004)
Clinical evaluation of Tetric EvoCeram® (5-year study) in the anterior region:


In contrast to other composites, Tetric EvoCeram® scored excellently in all the tested categories (5-year study):

Direct Restoratives

The Tetric Evo product line forms 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.

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

Ivoclar Vivadent AG
Bendererstr. 2
9494 Schaan
Liechtenstein
Tel. +423 235 35 35
Fax +423 235 33 60
www.ivoclarvivadent.com