The future of composite technology.
Available now!

The fast posterior composite

Tetric EvoCeram® Bulk Fill
The sculptable bulk-fill composite
In the past, placing posterior restorations involved considerable effort and time. In order to compensate for the polymerization shrinkage, several layers of composite had to be applied and cured. What is more, a complete cure of thick composite layers was impossible to achieve.

Tetric EvoCeram Bulk Fill takes the effort out of posterior tooth restorations. This composite offers fast “bulk placement” in increments of up to 4 mm, low shrinkage stress and optimum accuracy of fit.

Posterior efficiency, zero compromise

As restorations can be placed in a single increment, Tetric EvoCeram Bulk Fill saves dentists valuable time. Application, sculpting, contouring and polymerization are accomplished up to 60% faster than with conventional 2-mm composites.

Source: 32 experienced dentists from 21 countries, ICDE, Ivoclar Vivadent AG, Schaan, 2011

Average modelling time for a maxillary Class II MO restoration

<table>
<thead>
<tr>
<th>Tetric EvoCeram conventional technique</th>
<th>Tetric EvoCeram Bulk Fill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time savings of more than 60%</td>
<td></td>
</tr>
<tr>
<td>4.06 s</td>
<td>11.03 s</td>
</tr>
</tbody>
</table>

Source: 32 experienced dentists from 21 countries, ICDE, Ivoclar Vivadent AG, Schaan, 2011
Leading-edge bulk-fill technology

Unique, patented components such as the light initiator Ivocerin®, the light sensitivity filter and the shrinkage stress relievers make Tetric EvoCeram Bulk Fill so special – they give the composite a real edge in state-of-the-art bulk-fill technology.

The prestigious American testing institute “The Dental Advisor” rated Tetric EvoCeram Bulk Fill as the “Top Composite Bulk Fill” in their Product Awards 2013.

Source: The Dental Advisor, vol. 30, no. 1, January-February 2013

Benefits at a glance

The fast posterior composite:

- **Bulk placement** up to 4 mm due to Ivocerin, the new light initiator
- **Low shrinkage** and low shrinkage stress for superior margins
- **Sculptable consistency**, extended working time under operatory light
4-mm cure due to the light initiator Ivocerin®

The unique, proprietary light initiator developed by Ivoclar Vivadent R&D provides a fast and complete depth of cure for 4 mm increments. Ivocerin is a polymerization booster incorporated into the standard photo-initiator system that offers greater reactivity to curing lights as compared to camphorquinone and Lucirin.

Translucency, shade and curing depth are not compromised, as is often the case with composite restoratives containing only conventional initiators. The highly reactive Ivocerin allows the material’s translucency to be established at a level that ensures maximum esthetics while still enabling short exposure times of only ten seconds (≥ 1,000 mW/cm²).

Comparison of the esthetic appearance of various bulk-fill materials

<table>
<thead>
<tr>
<th>Starting situation</th>
<th>15% enamel-like translucency</th>
<th>18.6%</th>
<th>38.3%</th>
<th>17.8%</th>
<th>20.7%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared tooth with discoloration</td>
<td>Tetric EvoCeram Bulk Fill IVA</td>
<td>SDR Flow/ Ceram X A3*</td>
<td>Venus Bulk Fill/ Venus Diamond A3*</td>
<td>Filtek Bulk Fill/ Filtek Surpreme Unv. A3*</td>
<td>x-tra base/ Grandio SO A3*</td>
</tr>
</tbody>
</table>

If the restorative material is too translucent, the restoration may have a greyish appearance.

*These brands are not registered trademarks of Ivoclar Vivadent AG.
Shrinkage stress relievers ensure optimum marginal seal

To avoid marginal leakage, only composites with low volumetric shrinkage and low shrinkage stress are used for the bulk increment technique. Special shrinkage stress relievers are integrated into the filler composition of Tetric EvoCeram Bulk Fill. Due to their lower elastic modulus, they act like microscopic springs during the polymerization process and thus reduce shrinkage stress. The result is optimum marginal integrity. And the shrinkage forces are comparable to those occurring in proven 2-mm composites.

Shrinkage stress: 4 mm vs. 2 mm
In MPa: pulling forces acting on the cavity walls via the surface

Measurement acc. to Watts in 2 mm and 4 mm layers, R&D Ivoclar Vivadent AG, Report February 2013
*These brands are not registered trademarks of Ivoclar Vivadent AG.
Extended working and modelling time

A long working time is usually needed to sculpt and contour 4-mm increments, particularly when reconstructing cusps. Tetric EvoCeram Bulk Fill contains a patented light sensitivity filter which minimizes the effect of operatory and ambient light and thus ensures a longer working and modelling time. This light sensitivity filter acts like a protective shield. However, it does not delay the polymerization process initiated with a curing light.

The material’s smooth yet packable consistency facilitates placement and modelling and ensures excellent adaptation to cavity walls. Due to the well-balanced filler composition, Tetric EvoCeram Bulk Fill restorations are fast and easy to polish.

Overview of delivery forms

**Syringes**

<table>
<thead>
<tr>
<th>Syringe Code</th>
<th>Description</th>
<th>Contents</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>638244WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>1 x 3 g</td>
<td>IVA</td>
</tr>
<tr>
<td>638245WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>1 x 3 g</td>
<td>IVB</td>
</tr>
<tr>
<td>638246WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>1 x 3 g</td>
<td>IVW</td>
</tr>
<tr>
<td>638241WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>3 x 3 g</td>
<td>IVA</td>
</tr>
<tr>
<td>638242WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>3 x 3 g</td>
<td>IVB</td>
</tr>
<tr>
<td>638243WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>3 x 3 g</td>
<td>IVW</td>
</tr>
<tr>
<td>649792WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>10 x 3 g</td>
<td>IVA</td>
</tr>
</tbody>
</table>

**Cavifils**

<table>
<thead>
<tr>
<th>Syringe Code</th>
<th>Description</th>
<th>Contents</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>638227WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>20 x 0.2 g each</td>
<td>IVA</td>
</tr>
<tr>
<td>638228WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>20 x 0.2 g each</td>
<td>IVB</td>
</tr>
<tr>
<td>638229WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>20 x 0.2 g each</td>
<td>IVW</td>
</tr>
<tr>
<td>649793WW</td>
<td>Tetric EvoCeram Bulk Fill</td>
<td>150 x 0.2 g each</td>
<td>IVA</td>
</tr>
</tbody>
</table>
Approved by experts

“To me, Tetric EvoCeram Bulk Fill is an outstanding material. I have a composite at my fingertips that offers excellent handling properties. This makes the incremental technique with composites much simpler and faster. Once you have worked with Tetric EvoCeram Bulk Fill, you almost don’t want to go back to using conventional composite.”

Preoperative situation: Proximal caries on the mesial aspect of tooth 15

Completed restoration: seamless blend with the adjacent tissue

“Tetric EvoCeram Bulk Fill gives me more freedom in direct restorative procedures. It allows me to work more efficiently and adjust the layering technique to the case at hand.”

The prepared cavity in tooth 16 is filled with Tetric EvoCeram Bulk Fill.

Restoration at the recall appointment

Accessory

639035 Shade Guide

Tetric EvoCeram Bulk Fill comes in three universal shades which demonstrate enamel-like translucency:

- IVA: Universal A shade
- IVB: Universal B shade
- IVW: White shade for deciduous teeth or light-coloured permanent teeth
Tetric EvoCeram® Bulk Fill 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.

**PREPARE**

**BOND**

**FILL**

**CURE**

**FINISH**

**MAINTAIN**

**THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:**

**Bluephase® Style**

*The curing light*

- Every hand – comfortable to hold for men and women
- Every material – universal use due to Polywave® LED with broadband spectrum
- 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.