VITA® CAD-Temp®
Monochromatic or multi-layer cross-linked acrylate polymer with microfiller manufactured by VITA Zahnfabrik H. Rauter GmbH & Co. KG

Esthetic polymer for long-term temporary crown and bridge restorations

HIGH MATERIAL QUALITY AND HOMOGENEITY
The VITA® CAD-Temp® material good long-term stability and abrasion resistance allows long-term temporary restorations up to 3 years

LONG-TERM SHADE STABILITY AND ESTHETICS
VITA® CAD-Temp® features a natural shade effect thanks to very good light optical properties

IDEAL FOR TEMPORARY RESTORATIONS
VITA® CAD-Temp® has low plaque affinity and is a methyl methacrylate-free composite, hence generating no irritation of the gingiva and the pulp
Available shades

- VITA® CAD-Temp® blocks and discs (for in-house milling) are available in the 4 monochromatic shades 0M1T, 1M2T, 2M2T, 3M2T and 3 multi-layered shades 1M2T, 2M2T, 3M2T according to the VITA® color system.

**VITA® CAD-Temp® B40L BLOCKS AND DISC**

<table>
<thead>
<tr>
<th>Shade</th>
<th>Art. for monoColor</th>
<th>Art. for multiColor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 blocks</td>
<td>10 blocks</td>
</tr>
<tr>
<td>0M1T</td>
<td>EC40M1TCT402</td>
<td>EC40M1TCT4010</td>
</tr>
<tr>
<td>1M2T</td>
<td>EC41M2TCT402</td>
<td>EC41M2TCT4010</td>
</tr>
<tr>
<td>2M2T</td>
<td>EC42M2TCT402</td>
<td>EC42M2TCT4010</td>
</tr>
<tr>
<td>3M2T</td>
<td>EC43M2TCT402</td>
<td>EC43M2TCT4010</td>
</tr>
</tbody>
</table>

*height 20 mm  **height 18 mm

Available indications

- For temporary restorations (up to 3 years)

**TOOTH-BASED**

- Inlay
- Onlay
- Veneer
- Partial crown
- Coping
- Full-contour crown
- Telescopic crown
- Bridge/bar framework
- Full-contour bridge
- Vestibular veneering

**ABUTMENT-BASED (AVAILABLE WITHIN THE CARES® X-STREAM™ SOLUTION)**

- Coping on Ti-Base
- Full-contour crown on Ti-Base
- Bridge/bar framework on Ti-Base
- Full-contour bridge on Ti-Base
- Coping on CADCAM abutment
- Full-contour crown on CADCAM abutment
- Bridge/bar framework on CADCAM abutments
- Full-contour bridge on CADCAM abutments
Workflow

<table>
<thead>
<tr>
<th>STEPS</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nesting</td>
<td>Position the restoration in the desired disc/block shade transition</td>
</tr>
<tr>
<td></td>
<td>(for VITA® CAD-Temp® multiColor)</td>
</tr>
<tr>
<td>Milling</td>
<td>Only for in-house milling</td>
</tr>
<tr>
<td>Finishing</td>
<td>Polishing</td>
</tr>
<tr>
<td></td>
<td>Layering (with composite veneering only)</td>
</tr>
<tr>
<td></td>
<td>Recommendation: VITA VM® LC</td>
</tr>
<tr>
<td>Cementing</td>
<td>Temporary cement</td>
</tr>
<tr>
<td></td>
<td>Recommendation: VITA ADIVA® Full-adhesive or Self-adhesive solution</td>
</tr>
</tbody>
</table>

Chemical composition

**ELEMENTS**

Fiber-free, homogeneous, high-molecular and cross-linked acrylate polymer with microparticle filler

Physical properties

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Cross-linked acrylate polymer with microfiller</td>
</tr>
<tr>
<td>Biaxial flexural strength [MPa]</td>
<td>&gt; 80</td>
</tr>
<tr>
<td>Water absorption</td>
<td>Complies with EN ISO 10477 Polymer based crown and bridge materials</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complies with EN ISO 10477 Polymer based crown and bridge materials</td>
</tr>
</tbody>
</table>

Preparation guidelines

► The preparation shall not have angles or sharp edges
► The shoulder preparation shall be with rounded inner edges and/or chamfer
Wall thickness

MINIMAL RESTORATION DESIGN

≥ 1.5 mm
≥ 0.8 mm

Restoration wall thickness

Connector cross-section

≥ 12 mm²
≥ 16 mm² for posterior bridges with 2 pontics

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