Temrex CR and CR Plus Temporary Cements
Expanding the Selection of Temrex Cements

Temrex Corporation

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Selecting the Right Temporary Cement

• With today’s modern adhesive dentistry, one requires at least two different temporary cements to meet your patient’s needs.

• We recommend a very adhesive temporary cement such as TNE in those situations where the preparation is short or there is heavy occlusal loading.

• In situations where there is a single crown with a long tall preparation, a temporary cement with moderate adhesion such as Temrex CR Temporary Cement.
Temrex has a wide range of temporary cements for a range of clinical situations

• TNE
• Temrex Cement
• ZINROC
• Temrex CR
• Temrex CR Plus
• ZOE Plus
<table>
<thead>
<tr>
<th>Product</th>
<th>Characteristics</th>
<th>Retention</th>
</tr>
</thead>
<tbody>
<tr>
<td>TNE</td>
<td>Non-eugenol paste-paste</td>
<td>++++++</td>
</tr>
<tr>
<td></td>
<td>Resin based Automix</td>
<td></td>
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<tr>
<td>Temrex Cement</td>
<td>ZOE powder liquid</td>
<td>+++</td>
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<tr>
<td></td>
<td>Can use as base or liner</td>
<td></td>
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<tr>
<td>Zinroc</td>
<td>ZOE with polystyrene</td>
<td>+++</td>
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<tr>
<td></td>
<td>Powder liquid system</td>
<td></td>
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<tr>
<td>Temrex CR</td>
<td>Non-Eugenol</td>
<td>+++</td>
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<td>Temrex CR Plus</td>
<td>Zinc Oxide - Eugenol</td>
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<td>ZOE paste-paste</td>
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Temrex CR

• Non-eugenol cement base containing zinc oxide and a unique catalyst.
• No pulpal irritation and good biocompatibility.
• Very fast initial set; just over 1 minute.
• Will not inhibit the setting reaction of resin based permanent cements and restorative materials.
• Self mixing syringe and tips.
• Can be dispensed directly into the prosthesis.
• Will not stain acrylic temporary materials.
• Odourless, dentin coloured cement.
Temrex CR

Compressive Strength 35 Mpa
Film thickness 15 microns
Solubility in oral fluids <2.5%
Working Time 70 seconds
Setting Time 5 minutes
Temrex CR Plus

- Zinc oxide – eugenol temporary cement
- Very fast initial set; just over 1 minute.
- May inhibit the setting reaction of resin based permanent cements and restorative materials.
- Self mixing syringe and tips.
- Can be dispensed directly into the prosthesis.
- Will not stain acrylic temporary materials.
- Dentin coloured cement.
Temrex CR Plus

Compressive Strength 35 Mpa
Film thickness 15 microns
Solubility in oral fluids <1%
Working Time 90 seconds
Setting Time 5 minutes
Temrex Temporary Cements

• Understand the clinical situation
• Select the right cement
• Cement your crown with confidence.
Clinical Case

Restoration of Endodontically Treated Posterior Teeth
Initial Situation

• Endodontically treated Maxillary Left Second Bicuspit and First Molar
• Heavily restored with large composite restorations
• Teeth require post core crown restorations
• Syringe Temrex CR into the temporary crown
Temporary Crowns in Place 1 Week

- Temporary crowns in place 1 week
- No evidence of gingival irritation
- Temporary crowns made from DuraTemp using an alginate impression as a template
• Cast post cores placed in the second bicuspid and first molar

• Very limited coronal tooth structure
Final Crown

• Note; Absence of gingival irritation
Product Information

• Temrex Temporary Cements:
  – TNE
  – Temrex Cement
  – ZINROC
  – Temrex CR
  – Temrex CR Plus
  – ZOE Plus

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