Amber® LiSi-POZ

Product Line-up

<table>
<thead>
<tr>
<th>Amber® LiSi-POZ</th>
<th>Dimensions (mm)</th>
<th>pcs / Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>R10</td>
<td>Ø12.7 × T 10</td>
<td>5 Ingots</td>
</tr>
<tr>
<td>R15</td>
<td>Ø12.7 × T 15</td>
<td>5 Ingots</td>
</tr>
<tr>
<td>R20</td>
<td>Ø12.7 × T 20</td>
<td>3 Ingots</td>
</tr>
</tbody>
</table>

Available Shades

- W4
- A1
- A2
- A3
- A3.5
- W4
- A1
- A2
- A3
- A3.5

Indications

- Crowns
- 3-unit anterior and posterior bridges
- Long-span and curved bridges
- Cantilever bridges
- Maryland bridges
- Implant supported crowns and bridges

Pressing Schedules

<table>
<thead>
<tr>
<th>Tenuity</th>
<th>Size</th>
<th>Shade</th>
<th>Investment</th>
<th>Start Temp</th>
<th>Heating Rate</th>
<th>Max Temp</th>
<th>Holding Time</th>
<th>Vacuum On</th>
<th>Vacuum Off</th>
</tr>
</thead>
<tbody>
<tr>
<td>HT</td>
<td>R10</td>
<td>A1, A2, A3, A3.5, W4</td>
<td>Small (100g)</td>
<td>920°C</td>
<td>45°C/min</td>
<td>915°C</td>
<td>15 Min</td>
<td>700°C</td>
<td>915°C</td>
</tr>
<tr>
<td>LT</td>
<td>R20</td>
<td>A1, A2, A3, A3.5, W4</td>
<td>Large (200g)</td>
<td>920°C</td>
<td>45°C/min</td>
<td>915°C</td>
<td>30 Min</td>
<td>700°C</td>
<td>915°C</td>
</tr>
</tbody>
</table>

Notes:
1. There may be a difference between the displayed temperature and the real temperature of each furnace. When you use the Amber ingots, please verify the above standard schedule is suitable for your press furnace. If it is not, please try to find the optimum temperature through the following process:
   - If there are some traces of tiny bubble on the surface of the restoration ⇒ Please reduce the maximum temperature by 5~10°C or holding time and try pressing again.
   - If the marginal area of the restoration is not formed completely ⇒ Please increase the maximum temperature by 5~10°C or holding time and try pressing again.

HASS Corp.
77-14, Gwahakdanji-ro, Gangneung-si, Gangwon-do, KOREA 25452
Tel: +82-70-7712-1300 / Fax: +82-33-644-1231
Customer Support: +82-2-2083-1367
E-mail: hasscorp@hassbio.com
Website: www.hassbio.com
**Most Innovative and Exciting**

**Opening Up New Era of Dental Restorations**

- Zirconia Framework
- Lithium Disilicate

**Procedures**

1. Zirconia Framework
2. Wax-up
3. Staining and glazing
4. Heat-pressing

**Easy Aesthetics & Superior Strength**

**More Lifelike**

Amber® LiSi-POZ veneering has similar translucency to the enamel layer of natural teeth and the translucency of zirconia framework is similar to that of dentin of natural teeth. The high aesthetics of Amber® LiSi-POZ enables it to replace a damaged natural tooth perfectly.

**Superior Strength**

The tensile bond strength between zirconia framework and Amber® LiSi-POZ is over 45 MPa after pressing.

Amber LiSi-POZ offers three times higher flexural strength than conventional veneering materials for Zirconia. After pressing the flexural strength is over 380 MPa.

The fatigue fracture strength of restorations made from Zirconia framework and Amber® LiSi-POZ is as high as monolithic zirconia crown.

---

1. Microtensile Bond Strength
2. Flexural Strength
3. Crack Fracture Strength

*Figures courtesy of CDT. Young Soo Kim*