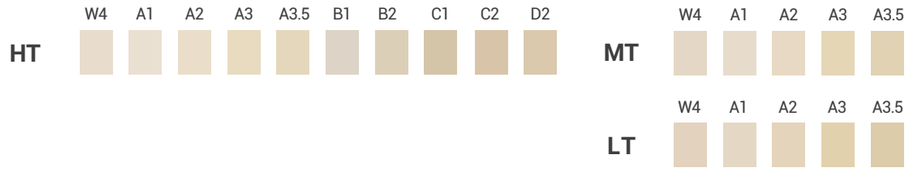
Amber® LiSi-POZ

Product Line-up

Amber® LiSi-POZ		Dimensions (mm)	pcs / Pack
	R10	Ø12.7 × 10T	5 Ingots
	R15	Ø12.7 × 15T	3 Ingots
	R20	Ø12.7 × 20T	3 Ingots

Available Shades



Indications with zirconia frameworks

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

Pressing Schedules

	Translucency	Size	Shade	Investment Ring	Start Temp.	Heating Rate	Max Temp.	Holding Time	Vacuum On	Vacuum Off
Amber LiSi-POZ	HT	R10 / R15	W4, A1, A2, A3, A3.5	Small (100g)	700℃	45℃/min	915℃	15 Min	700℃	915℃
	LT									
	HT	R20		Large (200g)				30 Min		
	LT									

※ Note : 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.

1) If there are some traces of tiny bubble on the surface of the restoration ⇒ Please reduce the maximum temperature by 5~10℃ or holding time and try pressing again.

2) If the marginal area of the restoration is not formed completely ⇒ Please increase the maximum temperature by 5~10℃ or holding time and try pressing again.

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All Ceramic Materials for All-Ceramic Restorations

Lithium Disilicate-Based Press on Zirconia

Amber® LiSi-POZ

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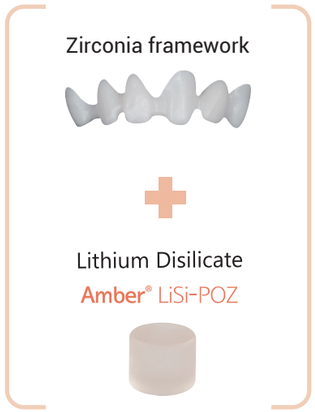
Most Innovative and Exciting

Opening Up New Era of Dental Restorations



Procedures

1 Zirconia framework

2 Wax-up

3 Heat-pressing

4 Staining and glazing

Easy Aesthetics & Superior Strength

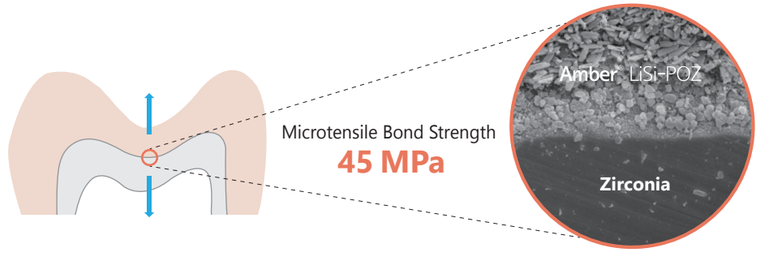
More Lifelike

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 asthetics of Amber® LiSi-POZ enables it to replace a damaged natural teeth perfectly.

Restoration courtesy of Dr. Hee-kyong Lee

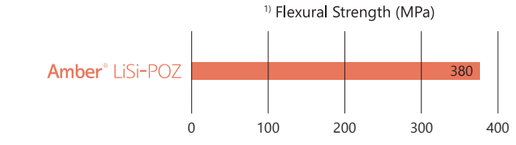
Superior Strength

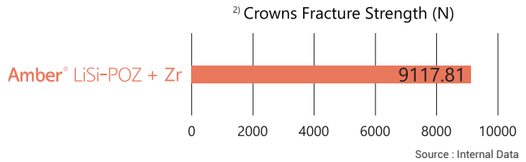
The tensile bond strength between Zirconia framework and Amber® LiSi-POZ is over 45 MPa after pressing.



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.





Source : Internal Data

Restoration courtesy of CDT. Won Pil Jang and Dr. Hee-kyong Lee