

3M Science.
Applied to Life.™

**Lava™ Plus
High Translucency
Zirconia**

**Smile after smile,
a simple solution
for all-zirconia.**



A simple solution for all-zirconia.

Lava™ Plus High Translucency Zirconia



If you've been dissatisfied with the esthetics and consistency of other zirconia and PFMs, here's good news. Most dental labs can now offer high-quality Lava™ Plus High Translucency Zirconia and can produce high-end crowns and bridges that meet your expectations ... and that your patients will love.

Excellent shade match without worry of compromising the strength or translucency.

Some zirconia loses strength after the dental lab shades it. But our patented color ion shading system enables an accurate color match without compromising strength, longevity or translucency.

Maintaining high translucency after shading is one reason Lava Plus zirconia crowns and bridges look like your patients' natural teeth. Warm, natural colors emanate from within crowns and bridges for more natural-looking monolithic and layered zirconia restorations.



Simple and predictable color match: an A2 is an A2.

The Lava Plus zirconia color ion shading system provides an excellent color match to the VITA Classical shade guide and a direct conversion to the VITA system 3D-Master® shades—so the results will match what you prescribe.

Summary of advantages

- Patented technology enables warm, natural-looking monolithic and layered zirconia restorations—without compromising strength
- High strength for tooth-preserving preparations
- Single and multi-unit anterior and posterior restorations¹
- Gentle to opposing dentition
- Easy to adjust and seat
- Studied and clinically proven

1. ISO 6872 Type II Class 6



It's simple to create tooth-preserving preparations, thanks to high strength.

Lava™ Plus High Translucency Zirconia is completely versatile.

There's no need to prescribe *one* material for crowns and *another* for bridges. Lava Plus zirconia is well-suited for any indication— anterior and posterior.

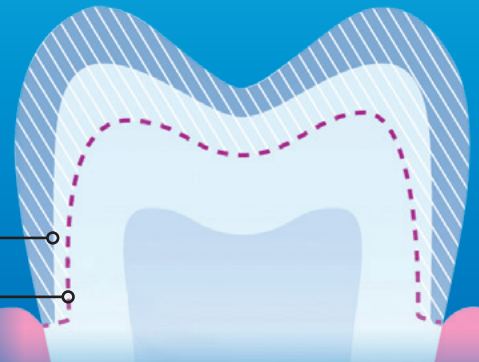
- Easy, tooth-preserving preparation: allows a 0.5 mm minimum wall thickness, requiring 3X less occlusal preparation than lithium disilicate glass ceramic because of its 3X greater strength.¹
- Thinner wall structure provides higher translucency.²

3X less occlusal preparation and 3X stronger than IPS e.max® CAD¹

The high strength of Lava™ Plus High Translucency Zirconia allows 0.5 mm minimum clearance, enabling easier adjustment and cementation. For conservative tooth preparation or long-span bridge, Lava Plus zirconia offers a better solution than IPS e.max® CAD.

Lava™ Plus
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Lithium Disilicate



A virtually unbreakable, highly esthetic alternative to PFM or full-cast metal restorations.

- No porcelain overlay, so worries about chipping are eliminated.
- Lava Plus zirconia restorations are gentle on opposing dentition and are not abraded or roughened under occlusal load.

Initial situation



Large insufficient composite filling at tooth 25 and insufficient full-cast metal crowns at teeth 26 and 27.

Final restoration



All-zirconia Lava™ Plus High Translucency Zirconia crowns at teeth 25, 26 and 27.

Photo source: 3M

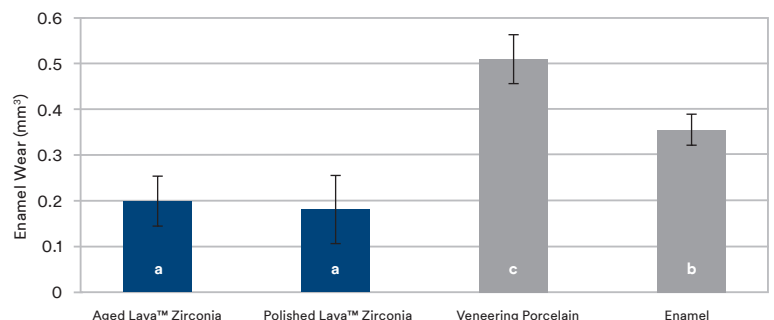
1. A three-point bending strength test according to ISO 6872/ADA69.

2. Data on file.

Low Antagonist Wear

The average grain size of less than 0.5 µm and the material properties found in Lava Plus zirconia yields a surface that is also kind to opposing dentition. Long-term enamel wear behavior of Lava Plus zirconia material after accelerated aging was investigated at the University of Alabama at Birmingham.

The study revealed that aged zirconia had similar roughness and produced similar wear of opposing enamel as polished zirconia. Both zirconia groups produced less enamel wear than the veneering porcelain or natural enamel.

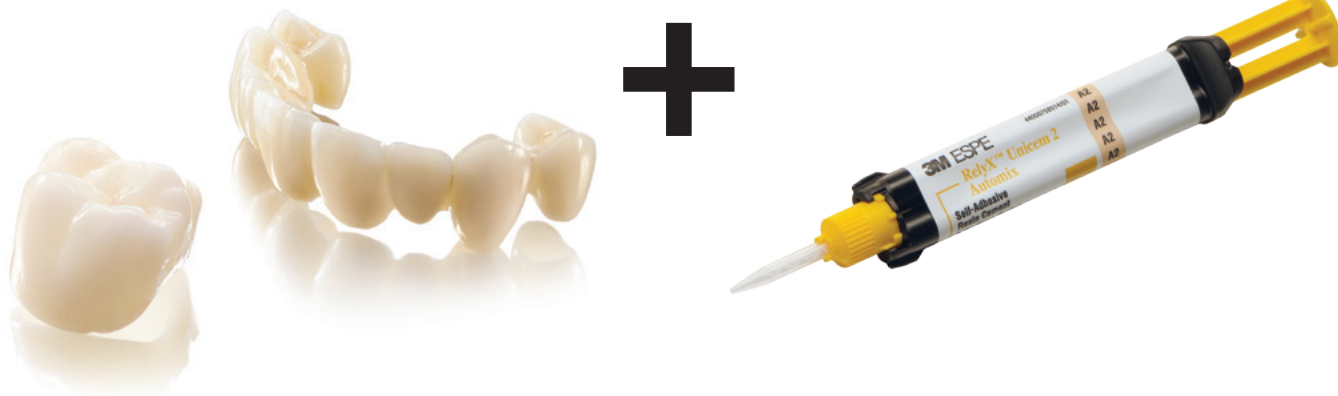


Volumetric human enamel wear to Lava™ Zirconia (polished or polished and aged by autoclaving for 5 hours at 135 °C, 2 bars), human incisor enamel and a veneering porcelain (Modified Alabama wear testing device). Burgess et al, Dent Res 91 (Spec Iss A): 418, 2012.

Your success seating crowns and bridges is as simple as this.

Lava™ Plus
High Translucency Zirconia

RelyX™ Unicem 2 Automix
Self-Adhesive Resin Cement



When seating crowns and bridges, confidence is everything.

Due to the high flexural strength of Lava™ Plus High Translucency Zirconia, no adhesive is needed, so you can choose RelyX™ Unicem 2 Automix Self-Adhesive Resin Cement. It's recognized as a top product for self-adhesive cement by Dental Advisor.

And talk about easy ... no tooth pre-treatment is required, and it's so versatile that you can use it for a wide range of indications—from crowns to long-span, multi-unit bridges.* Now you don't need to sacrifice confidence for simplicity. When you use RelyX Unicem 2 cement, you get both.

*For complete indication details and contraindications, refer to Instructions For Use.



Cements:
Self-Adhesive

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