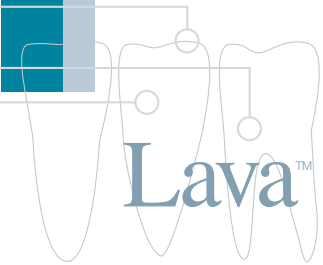


Lava™ Crowns and Bridges

Conventional technique, unconventional results

The 3M™ ESPE™ Lava™ Crowns and Bridges system is an innovative CAD/CAM technology using a zirconium oxide base. The esthetics of Lava restorations represent the optimum in all-ceramic systems. Preparations require removal of less tooth structure, and cementation can be accomplished using proven, conventional techniques. Colorable frameworks that are thin and translucent ensure a natural and vital appearance. Lava crowns and bridges provide some of the most durable and esthetic all-ceramic restorations available today.



Superior strength of zirconia with high fracture resistance

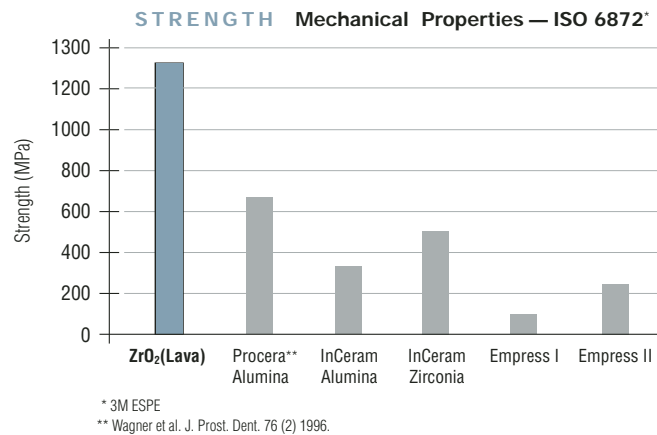
Excellent esthetics and translucency

Outstanding marginal fit

Preparation is similar to PFM

Ideal for 3- and 4-unit bridges

Available in 8 shades



Superior strength

Lava™ Frame Zirconia is high-tech ceramic material with outstanding stability. Capable of withstanding stresses many times greater than those occurring in the mouth, it's particularly suitable for bridge frameworks including posterior teeth and long spans.



Lava Crowns and Bridges come in 8 shades for a more natural look.

“Our research showed that the marginal fit of Lava bridges was as good as metal-ceramic bridges. The zirconia substructure does not distort when firing the veneering porcelain, unlike metal substructures.”

John A. Sorensen, DMD¹
OREGON HEALTH SCIENCES UNIVERSITY

Prescribe Lava for your next restoration.

Cementation Technique* with RelyX™ Unicem Cement



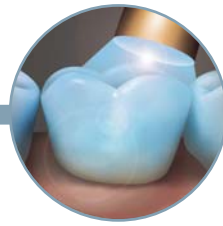
Dispensing

Dispense cement directly onto bonding surface of restoration.



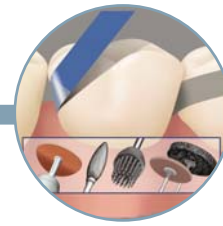
Placement

Seat restoration and hold in place with light pressure.



Final Cure

For translucent ceramic restorations, light-cure each surface for 20 seconds.

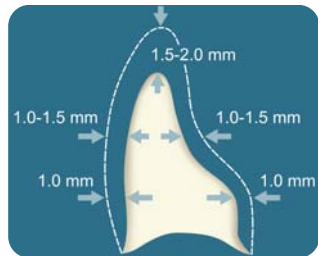


Finish and Polish

Remove cement from exposed surfaces using appropriate instrument and polishing paste.

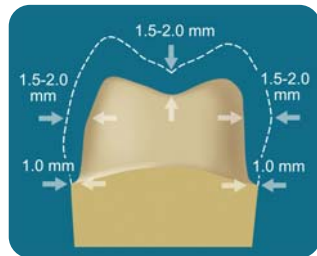
* For detailed instructions, please contact the 3M ESPE Hotline at 1-800-216-9502 ext. 100

Clinical Preparation



Anterior Crown

- 1.5–2.0 mm incisal reduction
- 1.0–1.5 mm labial and lingual reduction
- Round the internal line angles
- Chamfer margin



Posterior Crown

- 1.5–2.0 mm occlusal/incisal reduction
- 1.0–2.0 mm axial reduction
- Round the internal line angles
- Chamfer margin



Have your lab contact an Authorized Lava Milling Center near you at www.3MESPE.com/labproducts.

3M ESPE Dental Lab Technical Hotline: 1-800-216-9502
Visit www.3MESPE.com/labproducts for more information

3M ESPE

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1. John A. Sorensen, DMD, PhD conducts product testing for 3M ESPE.

2. Photos courtesy of Ariel Raigrodski, DMD, Louisiana State University.

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