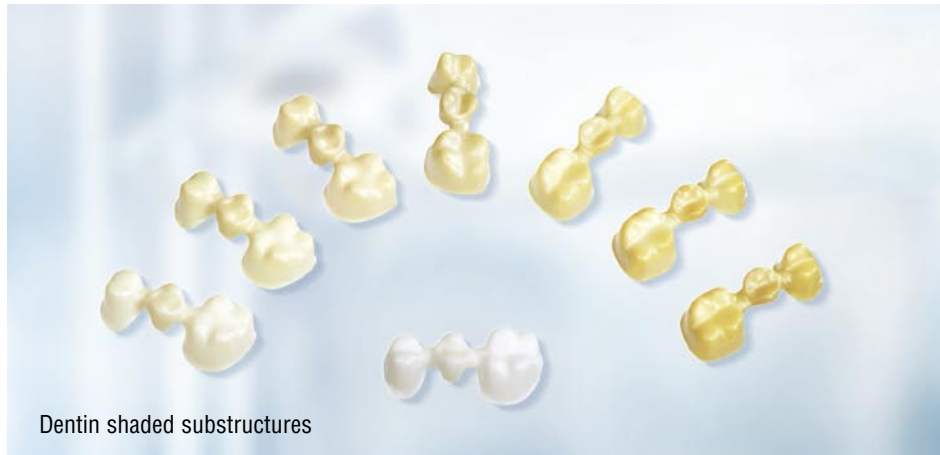




Lava™ Crowns and Bridges

Conventional technique, unconventional results



“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, DMD³, PhD, Pacific Dental Institute

Patented substructure shading system available in 8 shades

Zirconia provides proven high strength performance

Precision CAD/CAM system for outstanding fit

Indicated for anterior and posterior crowns and bridges

Five years of clinical history and proven results

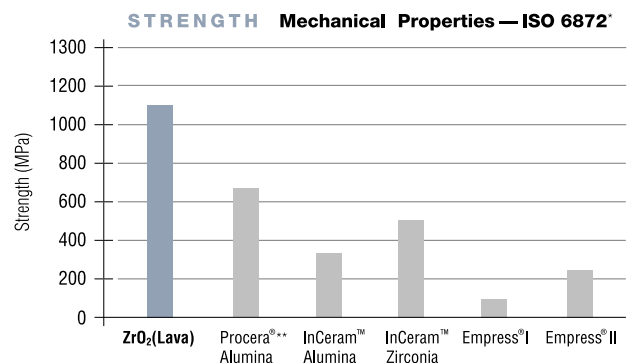
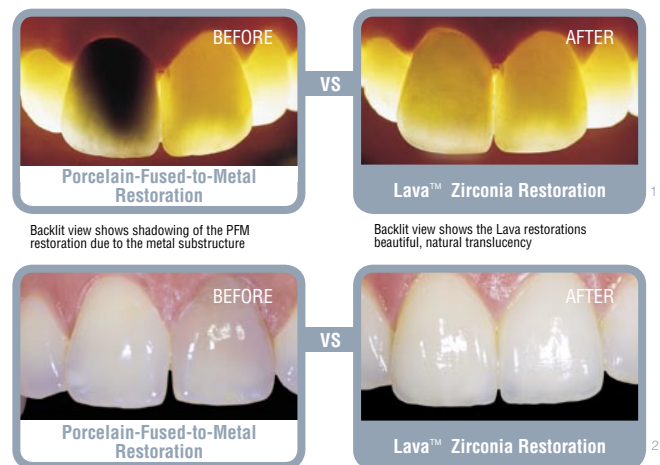
Natural translucency and unmatched esthetics

More than 25 years of zirconia research and technology

The 3M™ ESPE™ Lava™ Crowns and Bridges system is an innovative CAD/CAM technology using a zirconium oxide base. The durability and 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. The result is a restoration ideal for single crowns, three- and four-unit bridges with multiple abutments, splinted crowns (up to four units), and cantilever bridges (except single abutment) that offer strength, stability and outstanding marginal fit.

See the results for yourself.

Download extensive scientific data on Lava™ crowns and bridges at www.3MESPE.com/lavastudies



* 3M ESPE

** Wagner et al. J. Prost. Dent. 76 (2) 1996.

Cementation Technique* with RelyX™ Unicem Cement



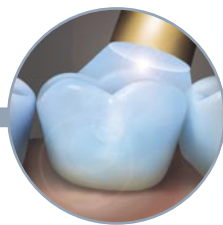
Dispensing

Dispense cement directly onto bonding surface of restoration.



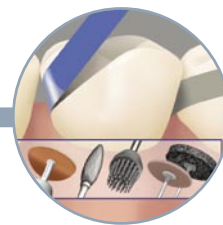
Placement

Seat restoration and hold in place with light pressure.



Final Cure

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

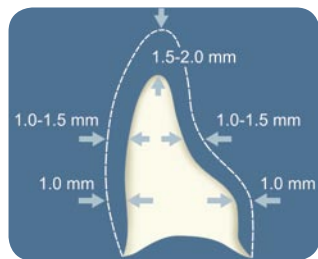


Finish and Polish

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

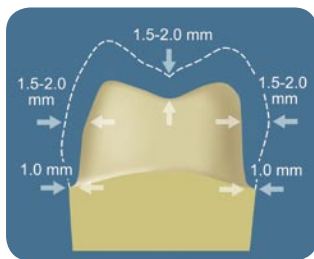
* For detailed instructions, please contact the 3M ESPE Customer Care Center at 1-800-634-2249

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/lava.

3M ESPE Customer Care Center: 1-800-634-2249
Visit www.3MESPE.com/lava for more information

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1. Photos courtesy of MDT V. Weber and Dr. D. Edelhoff, Aachen.
2. Dentistry and clinical photography courtesy of Ariel Raigrodski, DMD, MS; Ceramics, Mr. Andreas Saltzer, CDT.
3. John A. Sorensen, DMD, PhD conducts product testing for 3M ESPE.

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