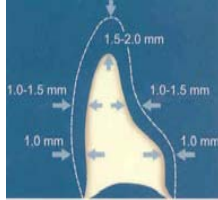


# LAVA™ Clinical Preparation

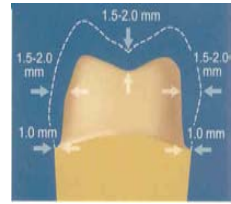
## Anterior Crown

- 1.5—2.0 mm incisal reduction
- 1.0—1.5 mm lingual reduction
- Round the internal line angles



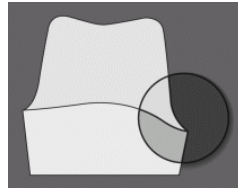
## Posterior Crown

- 1.5—2.0 mm occlusal/incisal reduction
- 1.0—2.0 mm Axial reduction

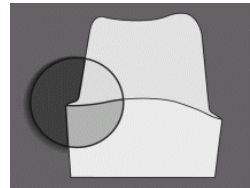


## PREPARATION

The optimal preparation is a shoulder or chamfered preparation with a circumferential step or chamfer. We do not recommend feather edge.



Chamfer



Shoulder with rounded internal line angles

# LAVA™ Cementation

Conventional cementation is preferred (bonding not required) ...Use any hybrid-ionomer cement you are comfortable with. Suggestions include but are not limited to: Rely-X Unicem, Rely-X Luting Cement and Ketac-Cem by 3M ESPE, Fuji-Plus by GC, and Panavia by J Morita.



Recommended for anterior & posterior 3-unit bridges

**expertec**  
Dental Laboratory, Inc.

LAVA™ is available from  
Expertec Dental Laboratory

For more information call **800-875-6011**

**TEREC** Member Laboratory

# LAVA™ Technical Bulletin



LAVA Zirconia is indicated for anterior and posterior 3-unit bridges!



LAVA Zirconia framework available in eight shades

3M ESPE Lava™ All Ceramic System is an innovative CAD/CAM technology for all-ceramic crowns and bridges on a zirconium oxide base.

The esthetics and biocompatibility of Lava™ restorations represent the optimum in all-ceramic systems.




Preparations require a 360° chamfer margin. Cementation can be accomplished using conventional techniques. Colorable frameworks that are thin and translucent ensure a natural and vital appearance.

*“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. Sorenson, DMD

LAVA™ bridges and crowns display strength approaching conventional porcelain fused to metal restorations with the esthetics of an all-ceramic. LAVA™ is the strongest form of all ceramic (zirconia) available.

**LAVA....the strongest form of Zirconia!**

-  **Conventional Cementation**
-  **1.5—2.0 mm Reduction**
-  **Chamfer / Shoulder Margin**

