

HT Transitional Shading / Coloring Technique

Bridge Transitional Shading

Step 1: Apply Incisal Effect

- 1) Follow detailed steps in single unit section for Incisal Effect application on page 2.
 - Apply a liberal amount at incisal in uneven striations for a natural blend. Applying more Incisal Effect will only slightly change incisal intensity.
 - Apply Incisal Effect on pontic before inhibitor coat for best results.



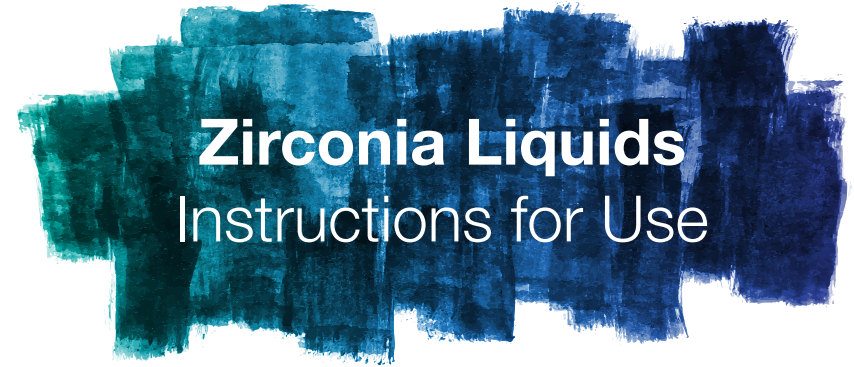
Step 2: Apply Pontic Reducer on bridge pontics

- 2) Use a clean brush and apply 1 liberal coat of Pontic Reducer to the entire pontic and connectors. (Green in color.)



Step 3: Place units in desired shade liquid

- 3) Place units in pre-mixed/diluted shade liquid for a minimum of **30 seconds**. (Adjust ratios to darken or lighten shade.)
- 4) Remove units and blot excess liquid with absorbent tissue and clean compressed air to ensure even shading. (Use tweezers with cup.)
- 5) Air dry for a minimum of **30 minutes** before sintering.
- 6) Place the units in firing tray/zirconia beads and process on recommended sintering cycle.



Zirconia Liquids Instructions for Use

For use with HT / HT+ zirconia

HT+ Zirconia

No dilution necessary.
Use straight out of the bottle.

HT Zirconia

Dilute using the following percentages. Use distilled water for dilution.

Shade	Liquid %	Water %
A1	50	50
A2	55	45
A3	50	50
A3.5	50	50
A4	50	50
B1	65	35
B2	60	40
B3	60	40
B4	60	40
C1	50	50
C2	60	40
C3	60	40
C4	60	40
D2	60	40
D3	60	40
D4	60	40

Device Components: MnO₂, Cr₂O₃, Fe₃O₄, Er₂O₃, Pr₆O₁₁

Warning/Contraindication: Not intended for use in patients who are sensitive or allergic to the chemical components of the device. Please see the Safety Data Sheet (SDS) for detailed device material information.

Precaution: Avoid direct skin or eye contact with these devices. Please see the Safety Data Sheet (SDS) for additional toxicological information.

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Recommended Materials for Shading

Indications for Use

Zirconia Liquids are intended to be used by trained dental technicians as an accessory for shading Zirconia frameworks and Zirconia all-zirconia, monolithic restorations for anterior and posterior dental prosthetics.

▲ Shake all coloring liquid bottles before use

1) Zirconia Liquid Shade Water-based System (16 VITA Classical Shades)

- Recommend separate dipping jar for each shade. (Dip the crown into desired pre-mixed shade liquid for a minimum of 30 seconds.)
- Air dry units for **30 minutes** before sintering.

2) Zirconia Pontic Reducer for bridge pontics (Lowers chroma saturation on pontics-thick areas.)

- Apply 1 liberal coat to pontics before dipping into desired shade liquid.

3) Zirconia Incisal Effect (Creates incisal transitional shading.)

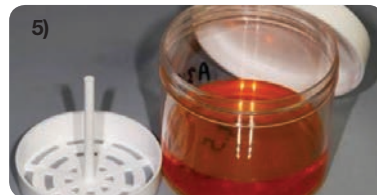
- Three Incisal Intensities:
 - **Incisal Effect 1:** A1, B1
 - **Incisal Effect 2:** A2, A3, B2, B3, C1, C2, D2
 - **Incisal Effect 3:** A3.5, A4, B4, C3, C4, D3, D4
- Apply to incisal area and occlusal marginal and triangular ridges.

4) #4 to #6 fine art brushes for applying liquids.

- Use separate brush for Pontic Reducer and Incisal Effect.
- Plastic tweezers for removing units from liquid.

5) Recommend small 4 oz. wide sealable jar with retrieving basket for dipping and storage.

- Paper cup for dipping units is OK.



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Single Unit Transitional Shading

▲ Before shading:

- Remove support connector attachment areas.
- Re-contour and smooth surface where needed.
- Remove all zirconia dust after milling and shaping. If dry milling, keep dry / do not use ultrasonic.
- If wet milling, completely dry before shading. Call for wet milling cleaning and drying instructions.

Step 1: Apply Incisal Effect

- 1) Use a clean brush and apply 1-2 coats of Incisal Effect half way down the mesial and distal marginal ridges of buccal or labial surface.
- 2) Apply 1-2 coats of incisal enhancer approximately 1/3 down the buccal/labial in uneven striations for a natural blend.
- 3) Continue this application to the mesial, distal and lingual surfaces. **Applying more Incisal Effect will only slightly change incisal intensity.**
- 4) Apply incisal enhancer to all occlusal cusps, marginal and triangular ridges. **Avoid central groove / fossa areas.**

Step 2: Place units in desired shade liquid

- 5) Place units in pre-mixed/diluted shade liquid for a minimum of **30 seconds**. (Adjust ratios to darken or lighten shade.)
- 6) Remove units and blot excess liquid with absorbent tissue and clean compressed air to insure even shading. (Use tweezers with cup.)
- 7) Air dry for a minimum of **30 minutes** before sintering.
- 8) Place the units in firing tray/zirconia beads and process on recommended sintering cycle.

