

# 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.



# ARGEN Z HT

## Zirconia Shading Liquids

### Instructions for Use

For use with ArgenZ HT+ and ArgenZ Esthetic

## ARGEN Z HT+

No dilution necessary.  
Use straight out of the bottle.

## ARGEN Z ESTHETIC

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:** MnO<sub>2</sub>, Cr<sub>2</sub>O<sub>3</sub>, Fe<sub>3</sub>O<sub>4</sub>, Er<sub>2</sub>O<sub>3</sub>, Pr<sub>6</sub>O<sub>11</sub>

**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.

ArgenZ HT Liquid Shading System

Consult Instructions for Use  
[eifu.argen.com](http://eifu.argen.com)

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**ARGEN**<sup>®</sup>

The Argen Corporation  
5855 Oberlin Drive  
San Diego, CA 92121-4718 USA  
MDS5, Schiffgraben 41  
D-30174 Hannover, Germany

Rx Only

Manufactured in the USA  
[argen.com](http://argen.com) | (800) 255-5524

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## Recommended Materials for Shading

### Indications for Use

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

**⚠ Shake all coloring liquid bottles before use**

#### 1) ArgenZ 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) ArgenZ 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) ArgenZ 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:

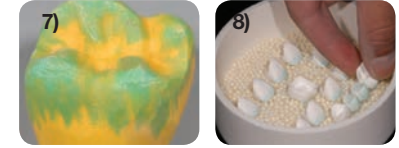
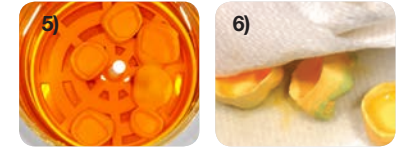
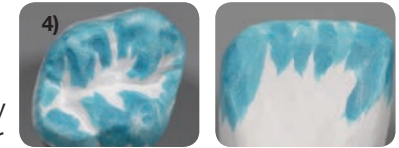
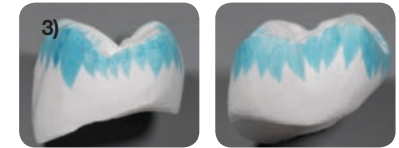
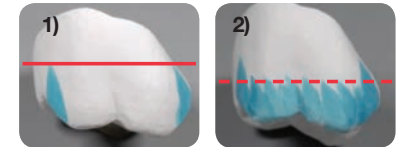
- Remove support connector attachment areas.
- Re-contour and smooth surface where needed.
- Remove all zirconia dust after milling and shaping. If dry milling, keep dry / do not use ultrasonic.
- If wet milling, completely dry before shading. Call for wet milling cleaning and drying instructions.

### 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.



## ArgenZ HT Liquid Shading System

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