



GDPs

Global Digital design and Product Sourcing Inc.



Restoration using Illusion by Raymond See

[illegible]

Natura-Z Zirconia **ILLUSION**®

Our innovative zirconia discs possess different absorption rates within the upper and lower layers. A natural gradation can be achieved without compromising strength due to this unique property. Pair our zirconia coloring liquids with our discs to achieve the pinnacle of dental artistry.

**THE MOST
NATURAL
GRADATION
WITH 1100MPa
47% TRANSLUCENCY**



- Use the dipping coloring method to maximize the effects of different absorption rates in the upper and lower layers of the zirconia
- For incisal transparency, first brush on **ice grey** or **ice blue** coloring liquid then dip into **dentin** coloring liquid

Original Color



After Coloring Liquids



THICKNESS: 12mm, 14mm, 16mm*, 18mm, 20mm*, 22mm, 25mm*
Custom order only

SIZE: 98mm

| PROPERTY PRODUCT NAME | ANTERIOR FULL CROWN | POSTERIOR FULL CROWN | LONG BRIDGE | ANATOMIC COPING | GRADATION | TRANS- PARENCY | STRENGTH (MPa) | SHADES |
|--------------------------|------------------------|-------------------------|----------------|--------------------|-----------|-------------------|-------------------|--------------------|
| ILLUSION ® | ✓ | ✓ | ✓ | ✓ | ✓ | 47% | 1,100 | All VITA Shades |

International Certifications



USA Food and Drug Administration



Quality Management System for Medical Devices



A mandatory conformity marking for certain products sold with the European Economic Area



The international standard that specifies requirements for a quality management system (QMS)



European Union Free Trade Agreement

Zirconia Coloring Liquids

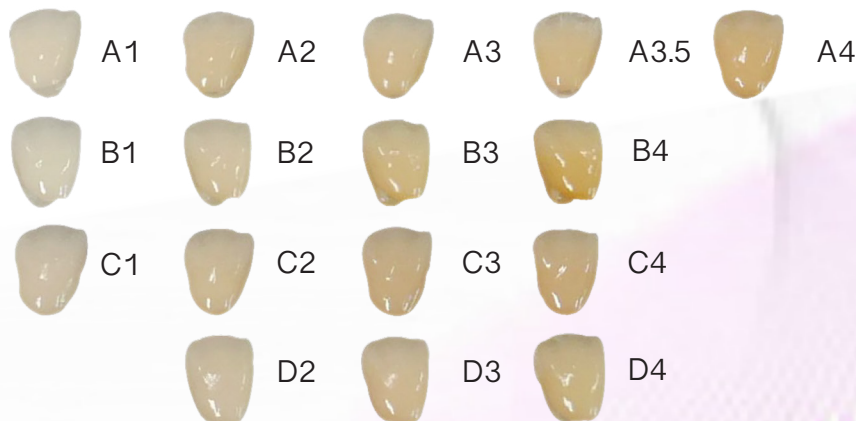


PRECAUTIONS

- Shake before use
- Add distilled water for concentration adjustments
- Use plastic tools for dipping
- Dry for 20 min at 200° C after coloring but before sintering.

Coloring Liquids Color Charts

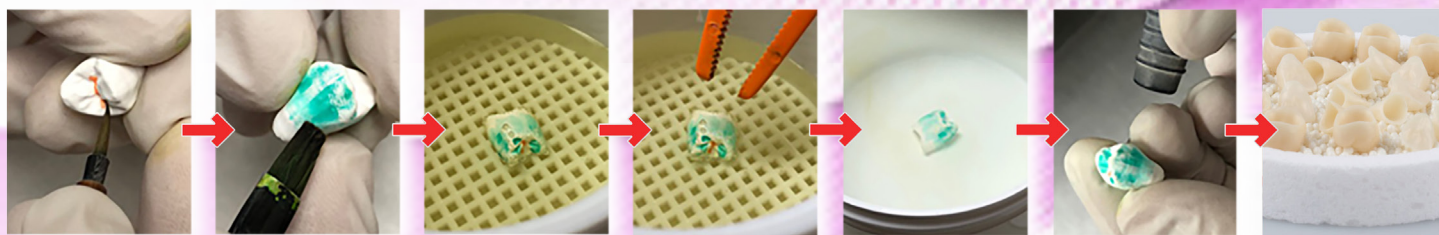
VITA CLASSIC SHADES (Brushing & Dipping)



EFFECT SHADES (Brushing)



Classic Dipping Technique



Apply a small amount of **Orange Brown**

Apply **Ice Grey** on 2/3 of incisal and occlusal areas

Soak in **Dipping Liquid** for 1 min

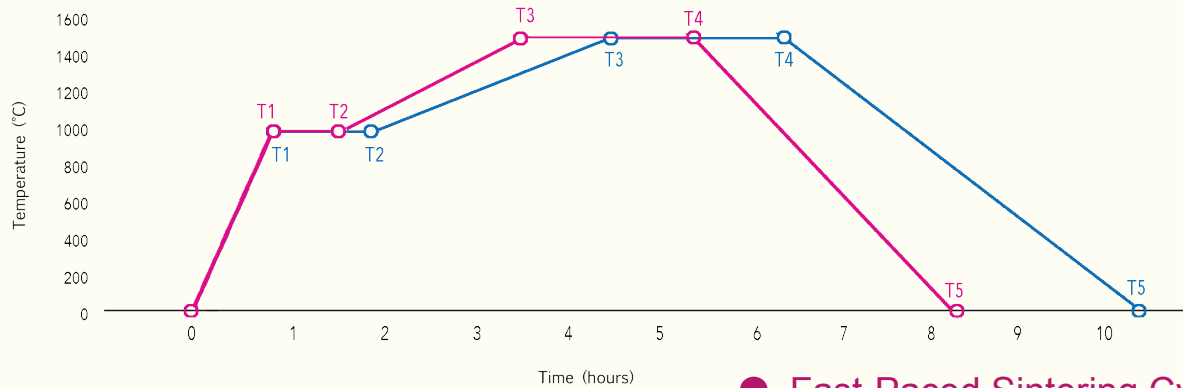
Pick up crown from **Dipping Liquid** with plastic tongs

Clean with water

Dry with air brush

Dry for 20 min at 150° C/300° F

S I N T E R I N G C Y C L E



- Fast-Paced Sintering Cycle
- Regular-Paced Sintering Cycle

T1: INCREASE TEMPERATURE TO 1000°C AT 20°C/MIN

Illusion® zirconia discs are pre-sintered at 1000°C to allow a more rapid sintering time with fewer changes in size, color, opacity, and reduced risks of fracturing. The disc should be sintered slowly at a rate of 20°C per minute for 50 minutes.

T2: HOLD TEMPERATURE AT 1000°C

To ensure a strong, stable zirconia restoration, the disc should be sintered for an extended amount of time at 1000°C. Fast Sintering Schedule: 30 minute hold time. Regular Sintering Schedule: 60 minute hold time.

T3: INCREASE TEMPERATURE TO 1530°C

Depending on whether the zirconia is following the fast or regular-paced sintering schedule, the heating rates and times will vary. The fast-paced sintering schedule calls for an increase of 4.8°C per minute for 100 minutes, and the regular-paced sintering schedule calls for an increase of 3.5°C per minute for 150 minutes. The long, steady increase in temperature reduces the risk of unequal shrinking.

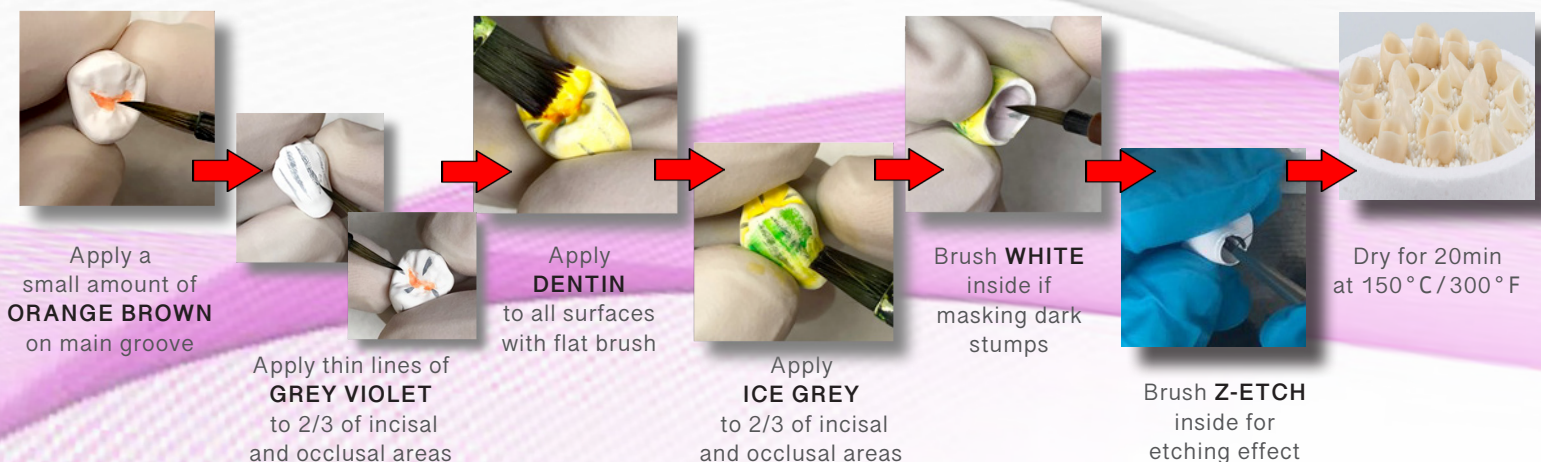
T4: HOLD TEMPERATURE AT 1530°C FOR 120 MINUTES

To achieve optimum translucency, sinter the discs, regardless of what sintering schedule is being followed, for 120 minutes at 1539°C.

T5: COOL ZIRCONIA SLOWLY

Rapid temperature changes can make the zirconia weak and brittle. To reduce the risk of thermal shock, slowly cool the zirconia for 3 to 4 hours. Fast-paced cooling should decrease at a rate of 8°C per minute; regular-paced cooling should decrease at a rate of 6°C per minute.

Brush Technique

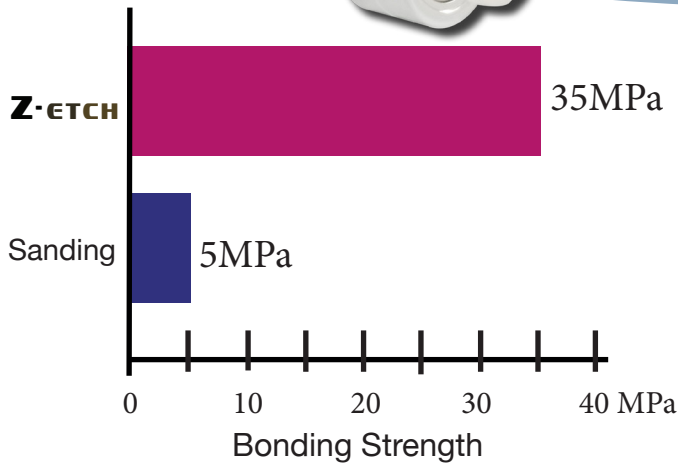


ILLUSION® Z-ETCH™

z i r c o n i a b o n d i n g s o l u t i o n



***SIMPLER
SAFER
STRONGER***

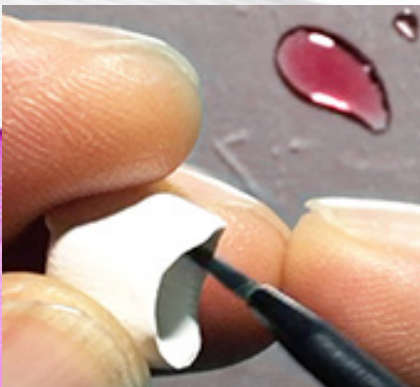


* Jeonnam National University Dental Hospital

ADVANCED NANO TECH

- Strong Bonding Strength
- Preserves Zirconia's Integrity
- Thin Etching Layer (0.25mm)
- Easy Application
- Non-Toxic
- Non-Corrosive

**THE NEW AND INNOVATIVE METHOD
OF RELIABLY SECURING ZIRCONIA
RESTORATIONS**



***BLOT WITH ILLUSION®
ZIRCONIA LIQUID***



***BRUSH WITH
ILLUSION® Z-ETCH***



***SINTER FOR THE
ILLUSION® BOND***

Blue-Gel ^{FDA CE CFDA}



LIGHT-CURED READY-TO-USE DIMENSIONALLY STABLE

Procedure



Gather model, BLUE-GEL, separating medium (petroleum jelly), inlay wax, carving knife, curing light, and ceramic denture bur.



Apply separating medium (petroleum jelly) to model.



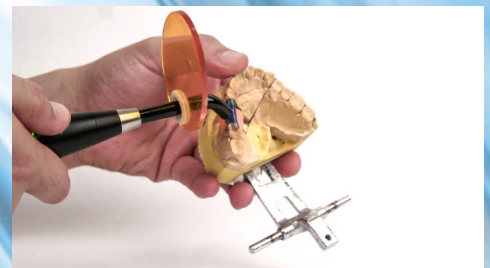
Apply inlay wax to gap.



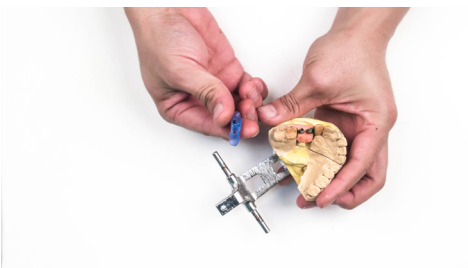
Discharge BLUE-GEL.



Shape implant gel with carving knife.



Cure with light for 20~30 seconds.



Disjoin solidified implant gel from model.



Trim and polish implant gel with ceramic bur.



Total work time is 3 minutes.

ILLUSION® Soft Tissue

tough but easy to trim



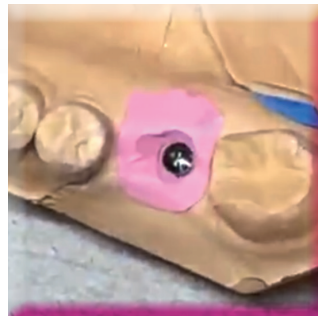
ILLUSION® Soft Tissue offers even dispensing consistency, precise detail reproduction, superior strength, and excellent elasticity!



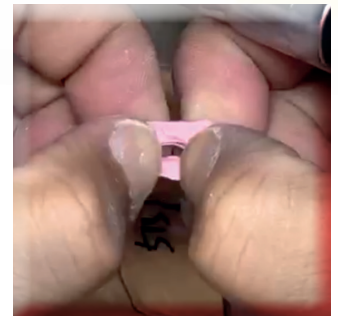
Cast



Trim



Fit



Tough Stuff

2 CARTRIDGES (25ML EACH)

MIXING TIPS NOT INCLUDED

GDPS, Inc. provides quality products to maximize the mechanical and aesthetic value of all dental restorations utilizing the latest technological advancements.



Thank you for your interest in GDPS, Inc. If you wish to become a dealer of our products, please contact us through the information provided below.

Tel: (703) 815.2223

Email: globaldpsinc@gmail.com

Website: www.idscad.com