

JUST COLOUR

Esthetic Colorant
for "KATANA™ Zirconia"



MADE FOR “KATANA™ Zirconia”

Every tooth has its unique internal shade structure. With its unique raw materials and colour structure, and specifically developed for the “KATANA™ Zirconia” Multi-Layered series, Esthetic Colorant enables you to easily and efficiently imitate a variety of these unique characteristics.

The liquids are simply applied to the monolithic or anatomical restoration after milling using a metal-free brush or brush pen, preferably with a Liquid Brush Pen. The Esthetic Colorant diffuses into the pre-sintered structure and is fixed during sintering with no additional baking, resulting in lifelike shade effects shining from the inside of the restoration.



Esthetic Colorant

FEATURES & BENEFITS

1

LIFELIKE OUTCOMES

Esthetic Colorant has been specifically developed for the “KATANA™ Zirconia” Multi-Layered series to perfectly complement the effects obtained from the materials’ multi-layered colour structure.

2

MAINTAINING THE ORIGINAL STRENGTH OF “KATANA™ Zirconia”

You may think that the use of shading liquids negatively affects the flexural strength of the zirconia substructure, but Esthetic Colorant has been optimized to limit a decrease in strength and avoid failures.

3

COMPACT LINE-UP FOR A SIMPLIFIED PROCEDURE

Esthetic Colorant is composed of just 12 shades. They facilitate inventory management yet establish that the typical effects and lifelike colours of natural teeth can be expressed and controlled even before sintering for natural rendering and oral harmony.

EFFICIENT PROCEDURE FOR LIFELIKE RESULTS

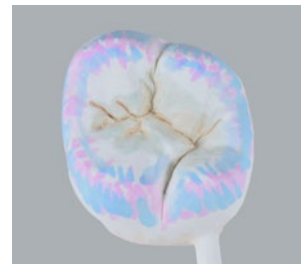
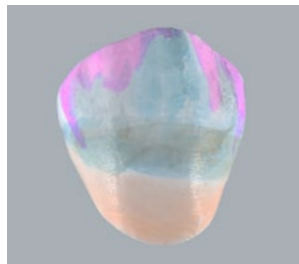
PREPARATION

Clean the "KATANA™ Zirconia" restoration.



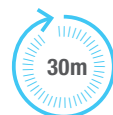
COLOURING

Apply the desired liquids of Esthetic Colorant to the restoration.



DRYING

Dry at 80 - 200°C / 176 - 392°F for at least 30 minutes.
Use a ceramic tray to avoid contact with metal.



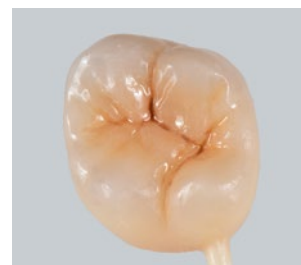
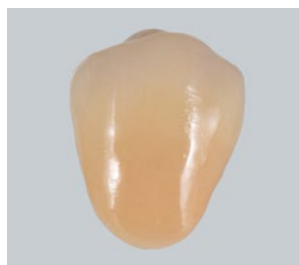
SINTERING

Sinter the restoration according to the preferred sintering schedule*.



FINISHING

After sintering, finalise the restoration by polishing, glazing or porcelain layering.



*For the "KATANA™ Zirconia" Multi-Layered series, a 54-minute, a 90-minute and a 7-hour sintering schedule are available.

ESTHETIC COLORANT IN ACTION

After milling



Finish colouring



After sintering



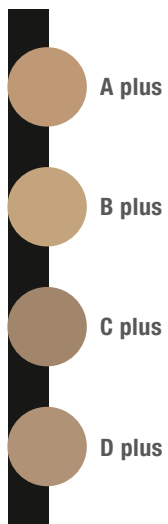
Completion*



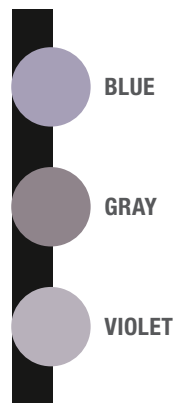
*Finalised the restoration by polishing, glazing and porcelain layering.
Photos: courtesy of DT Shigeru Adachi, Cusp Dental Supply Inc.

SHADE COMBINATION TABLE

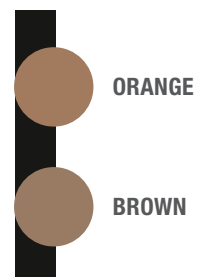
DENTIN



INCISAL



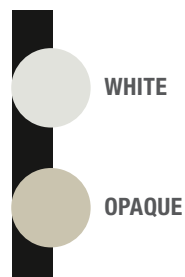
CERVICAL



TISSUE



MODIFIER



MASKING THE ABUTMENT

WHITE and OPAQUE can be used for masking the abutment colour from the inside of a crown.
Brush inside of crown with either WHITE or OPAQUE to increase opacity and control value.



Apply Esthetic Colorant OPAQUE

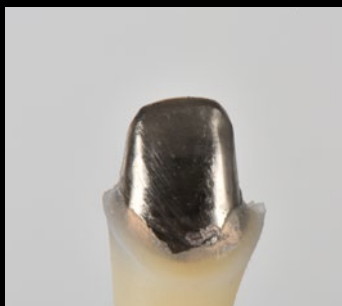


After application

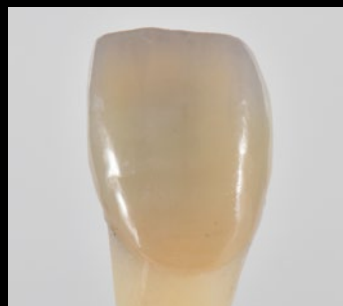


After sintering the restoration

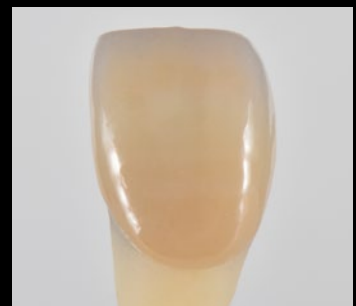
Comparison of restorations with/without Esthetic Colorant OPAQUE



Metal abutment



"KATANA™ Zirconia" YML A2
+ Metal abutment



"KATANA™ Zirconia" YML A2
+ Esthetic Colorant OPAQUE
+ Metal abutment

A SOLID FOUNDATION

“KATANA™ Zirconia” MULTI-LAYERED SERIES

Looking for a base material from the same manufacturer? Esthetic Colorant was created to complement the “KATANA™ Zirconia” Multi-Layered Series which offers a strong, aesthetic and enduring base for restorations. They are available with colour gradation and uniform translucency and flexural strength of various levels (“KATANA™ Zirconia” UTML, STML and HTML PLUS) or with colour, translucency and flexural strength gradation (“KATANA™ Zirconia” YML).

			
UTML	STML	HTML PLUS	YML
Ultra Translucent Multi-Layered	Super Translucent Multi-Layered	High Translucent Multi-Layered	Yttria Multi-Layered
Translucency* 51 % Strength* 557 MPa	Translucency* 49 % Strength* 748 MPa	Translucency* 45 % Strength* 1150 MPa	Translucency* 45-49 %** Strength* 750-1100 MPa**



*Measurement condition: Evaluated by base material (white colour)

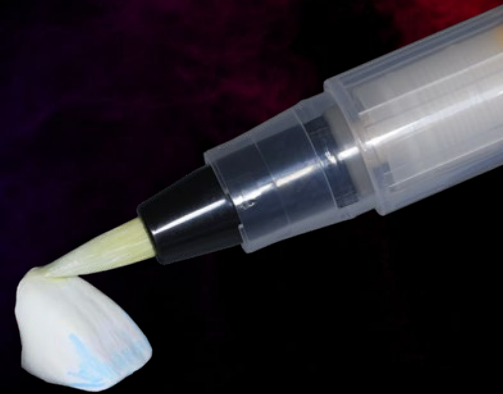
1 According to ISO 6872: 2015, Sample size: 3 x 4 x 40mm, 2 All light transmittance, illuminant: D65, Thickness of sample: 1.0mm

**Translucency and strength vary depending on layers.

Data source: Kuraray Noritake Dental Inc.

BRUSHES

A dedicated Liquid Brush Pen for Esthetic Colorant is now available. With this pen, it's even easier to express a variety of characteristics. This pen enables easier control of the liquid and reduces the possibility of unexpected over-application caused by liquid dripping from its tip etc.



“CERABIEN™ ZR” FC Paste Stain

“CERABIEN™ ZR” FC Paste Stain portfolio of liquid ceramics is used in ultra-thin layers in the micron range. Hence, although being an additive, the technique allows for a monolithic design without any cutback. This process is highly efficient and highly controllable, leading to consistent and predictable outcomes.

BENEFITS

- ✓ Easy-to-control paste-type external stain gives desirable appearance of full zirconia characterization
- ✓ Can be baked at 750°C/1382°F, lower than conventional external stain temperatures



PRODUCT ASSORTMENT



ESTHETIC COLORANT SHADE RANGE 12ml

127-0055EU Esthetic Colorant A plus
127-0065EU Esthetic Colorant B plus
127-0075EU Esthetic Colorant C plus

127-0085EU Esthetic Colorant D plus
127-0095EU Esthetic Colorant BROWN
127-0105EU Esthetic Colorant ORANGE



127-0115EU Esthetic Colorant GRAY
127-0125EU Esthetic Colorant BLUE
127-0135EU Esthetic Colorant VIOLET

127-0145EU Esthetic Colorant PINK
127-0155EU Esthetic Colorant WHITE
127-0165EU Esthetic Colorant OPAQUE

OTHER RELATED MATERIALS

127-0010EU Esthetic Colorant Basic Kit
227-0019EU LIQUID BRUSH PEN



EU Importer

Kuraray Europe GmbH

Philipp-Reis-Strasse 4,
65795 Hattersheim am Main, Germany

Phone +49 (0)69 305 35 835

Fax +49 (0)69 305 98 35 835

www.kuraraynoritake.eu

centralmarketing@kuraray.com

- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

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Kuraray Noritake Dental Inc.

300 Higashiyama, Miyoshi-cho, Miyoshi, Aichi 470-0293, Japan

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