

 **KATANA™ Zirconia ONE**  
**SPEED CROWN**

Unleashing SPEED, Strength and Natural Beauty,  
all in ONE block.

For use with  
**CEREC**



  
**MULTI  
LAYERED**

The solution for strength,  
natural beauty, and  
workflow efficiency  
all in ONE block.

**9-minute**  
Sinter for all shades

Higher<sup>1,2</sup> Flexural strength:  
**1023 MPa**

Inherits the features of conventional  
KATANA™ Zirconia ONE:  
**Esthetic and easy to use.**

\*1 When compared with KATANA™ Zirconia ONE CROWN/BRIDGE  
\*2 According to ISO 6872: 2015, Three-point flexural strength test Sample size 1.2x4x14 mm, Span length 12 mm

## 9-MINUTE SINTERING WITH CEREC SpeedFire

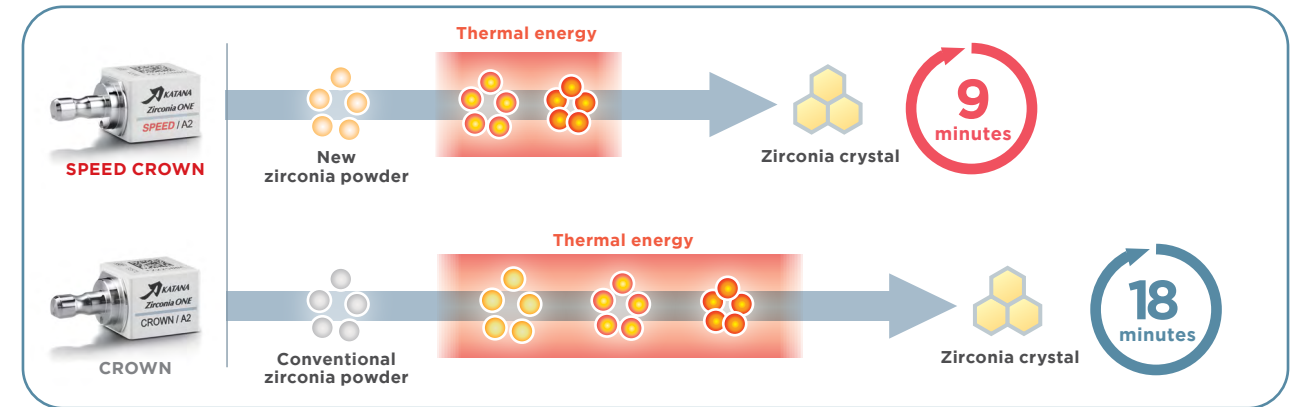
The collaboration of Kuraray Noritake Dental's superior materials technology and Dentsply Sirona's CEREC SpeedFire furnace now makes it possible to sinter a full zirconia restoration in 9 minutes.



\*Only KATANA™ Zirconia ONE SPEED CROWN is validated for sintering 9 min.  
\*KATANA™ Zirconia ONE CROWN / SPEED CROWN are validated for SUPERFAST Milling mode.  
\*Before using this product, be sure to read the Instructions for Use supplied with the product.

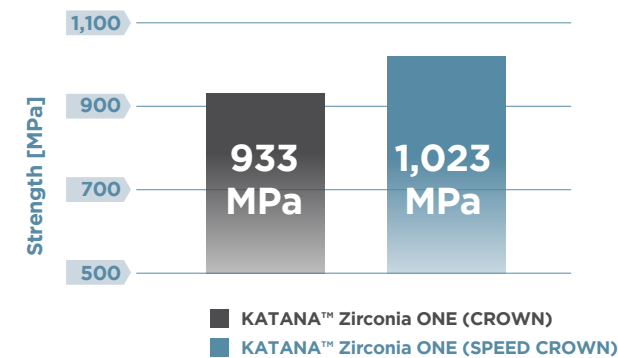
## How Has 9-Minute Sintering Become Possible?

Kuraray Noritake Dental Inc. has developed new zirconia powder that can reach a highly activated state with little energy. It accelerates the sintering process, thereby achieving an ultra short sintering time of 9 minutes.



## Higher Flexural Strength: 1023 MPa\*

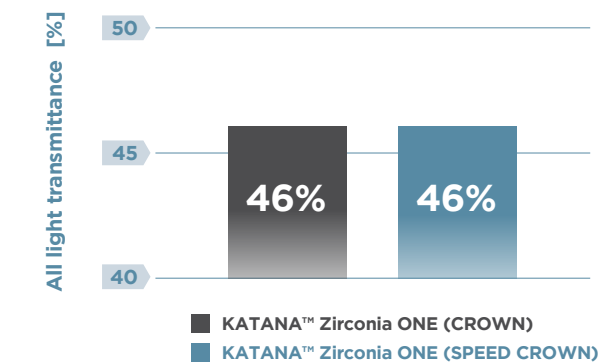
\* Test conditions: According to ISO 6872: 2015, Three-point flexural strength test Sample size 1.2x4x14 mm, Span length 12 mm. Data source: Kuraray Noritake Dental Inc.



## Excellent Translucency

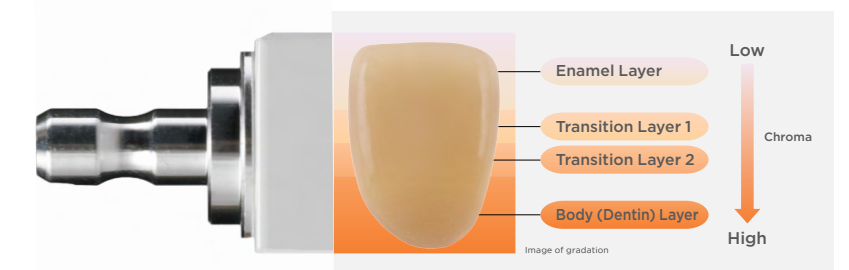
KATANA™ Zirconia ONE SPEED CROWN has same translucency as conventional one.\*

\* Test conditions: All light transmittance, Measured with a haze meter, using Ø10 mm mask, Thickness of sample 0.5 mm.



## Esthetic and Easy to Use

The multi-layered KATANA™ Zirconia Block consists of four layers of zirconia in gradated shades. This product allows the chair side fabrication of natural-tooth-colored restorations - eliminating additional sintering time. Use the CEREC Move Tool to position the restoration within the layers.



**MULTI  
LAYERED**

## CERABIEN™ ZR FC Paste Stain: Workflow

CERABIEN™ ZR FC Paste Stain allows the easy characterization of full-contour zirconia. CERABIEN™ ZR FC Paste Stain is available in a total of 27 shades, for the reproduction of a wide variety of colors. With the use of the Fluoro shade, you are able to achieve a natural fluorescence to the restoration. These stains and glazes can be used with KATANA™ Zirconia ONE SPEED CROWN.



1 Create a surface texture over the entire crown under running water or wet condition



2 Polish areas in contact with opposing tooth\* (For finishing with polishing alone, complete entire crown while polishing)



3 Alumina sandblast the surface of the crown (50-70 µm, 0.2 MPa / 2 bar)



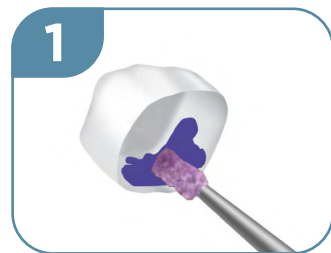
4 Clean restoration using an ultrasonic cleaner (in alcohol or acetone or steam cleaner)



5 Apply glaze and bake



## KATANA™ Cleaner: Workflow



1 Apply and rub KATANA™ Cleaner for at least 10 seconds

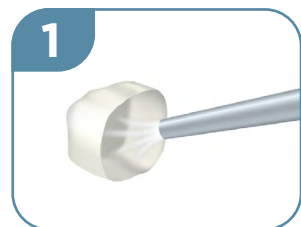


2 Rinse and dry



3 Cement the restoration according to the manufacturer instructions

## PANAVIA™ SA Cement Universal: Workflow



1 Conditioning the crown.  
\*\*Clean and dry the tooth surface, and then trial fit the prosthetic restoration, followed by conditioning of the crown



2 Place the crown  
Light-cure for 2 to 5 seconds or let self-cure for 2 to 4 minutes



3 Remove the excess cement



4 Light-cure the margin and maintain isolation for 5 minutes\*  
\*For a translucent restoration, fully light-cure

Apply the cement to the crown

## Related Products

### KATANA™ Cleaner

KATANA™ Cleaner is a universal cleaner with unique MDP salt technology that can be used to clean zirconia after intra-oral try-in. It has a pH of 4.5 that can be used intra-orally as well, to clean preps. These features truly make it a universal cleaner.



KATANA™ Zirconia ONE  
SPEED | A2



### PANAVIA™ SA Cement Universal

PANAVIA™ SA Cement Universal contains MDP in the paste and can be used to cement zirconia crowns without a separate primer/silane. This special long chain silane coupling agent in the paste eliminates the need for a separate silane bottle.

### CERABIEN™ ZR FC Paste Stain

CERABIEN™ ZR FC Paste Stain (a surface stain) allows the easy characterization of full-zirconia restorations. It is recommended for dental technicians and dentists that want to optimize their esthetic outcomes.



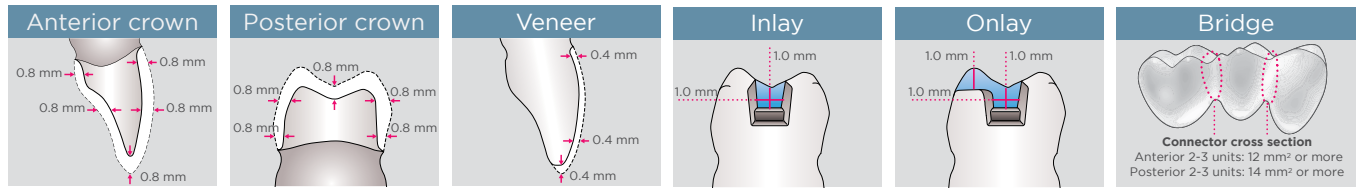
### PANAVIA™ Veneer LC

A light-cure formulation for cementation of ceramic veneers, inlays and onlays. PANAVIA™ Veneer LC offers excellent color stability, high wear resistance, provides ample working time, and offers fast and easy clean up.



For more technical information on KATANA™ Zirconia ONE and related products, visit [katanablocks.us/faq](http://katanablocks.us/faq) or scan the QR code.

# Preparation Guidelines



\*For full zirconia veneers

## One Size of Single Crown and Bridge Block



Block Size (unit:mm)		a	b	c
<b>SPEED CROWN</b>	Before Sintering	16.5	19.1	20.1
<b>CROWN</b>		16.5	19.2	20.2
<b>BRIDGE</b>		17.8	19.2	40.0

\*Block sizing may have individual slight differences but will be adjusted automatically by the software.

## KATANA™ Zirconia ONE: Available Shades\*



\* NW: NORITAKE SHADE GUIDE,  
Others: VITA classical A1-D4® shade guide

## Ordering Information

SPEED CROWN	NW	A1	A2	A3	A3.5	A4	ASSORTMENT (4PCS)		
	125-9743KA	125-9730KA	125-9731KA	125-9732KA	125-9733KA	125-9734KA	125-9744KA		
	B1	B2	B3	C1	C2	C3	D2	D3	
125-9735KA	125-9736KA	125-9737KA	125-9738KA	125-9739KA	125-9740KA	125-9741KA	125-9742KA		

### YOUR CONTACT

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- 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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