

VINTAGE



PURE AESTHETICS



METAL-FREE RESTORATIONS



SHOFU DENTAL CORPORATION
Call for Information 800 827 4638 www.shofu.com
S A N M A R C O S C A L I F O R N I A

CAD/CAM FABRICATED ZIRCONIUM OXIDE FRAMEWORKS



Peter Pizzi, CDT

Achieve **pure** aesthetic metal-free restorations utilizing any Zirconium oxide framework – a growing trend.

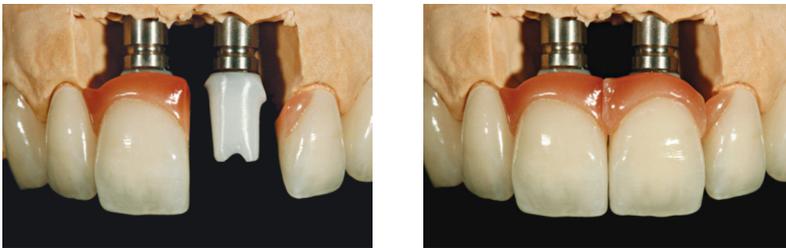
VINTAGE ZR a high melting micro leucite porcelain based on feldspar, limits the potential for fracturing and chipping.

VINTAGE ZR developed specifically for Zirconium oxide frameworks.

The combination of **VINTAGE ZR** with Zirconia substructures offers unlimited possibilities when building aesthetic natural appearing crowns and bridges.

VINTAGE ZR offers a natural color reproduction even with very thin layers, because of the particularly fine and homogenous particle structure.

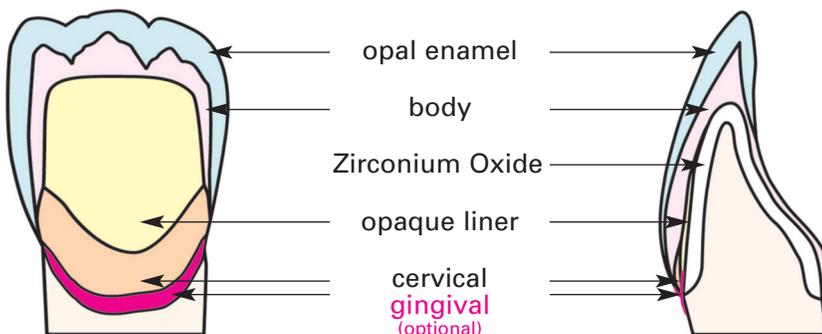
COLOR MATCH



Ultimate Styles Dental Laboratory - Akinobu Ogata

VINTAGE ZR has specially developed Opaque Liners to enhance the bond to the framework and to achieve matching tooth color, even with thin layers (see layering chart below).

VINTAGE ZR gingival tissue shades offer choices for aesthetically challenging implant cases.



PURE opal frit – observe the clarity

NATURAL AESTHETICS

VINTAGE ZR utilizes a micro fine particle structure for the opalescent Enamel and Translucent powders, which imitate the light-optical properties of natural teeth.

VINTAGE ZR porcelain alters appearance depending on changing light conditions, to provide an expressive natural look.



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VINTAGE ZR A UNIVERSAL ZIRCONIA PORCELAIN DESIGNED TO BE WORRY-FREE

- **ZR** is a **pure** Feldspar based ceramic, specifically developed for Zirconia frameworks
- **ZR** has greater strength and does not develop fractures like glass modified porcelains
- **ZR** is easy to handle and technician friendly
- **ZR** works beautifully with any Zirconia framework
- **ZR** does not have graying like other Zirconia porcelains
- **ZR** allows for conventional cementation and has extraordinary biocompatibility
- **ZR** has one firing cycle for both Vintage AL and ZR metal-free porcelains, excluding the margin cycle

CONCEIVED, DEVELOPED AND EXCLUSIVELY MANUFACTURED BY SHOFU, THE MAKERS OF FINE DENTAL PORCELAIN SINCE 1922.



VINTAGE ZR SYSTEM SETS

VINTAGE ZR AB SET (PN 9000)

Economic introduction to the VINTAGE ZR technique with color groups A and B

VINTAGE ZR CD SET (PN 9001)

A practical addition to the VINTAGE ZR AB set

VINTAGE ZR WHITENING SET (PN 9002)

Brighter than the “classical” tooth colors

VINTAGE ZR ENAMEL EFFECT SET (PN 9003)

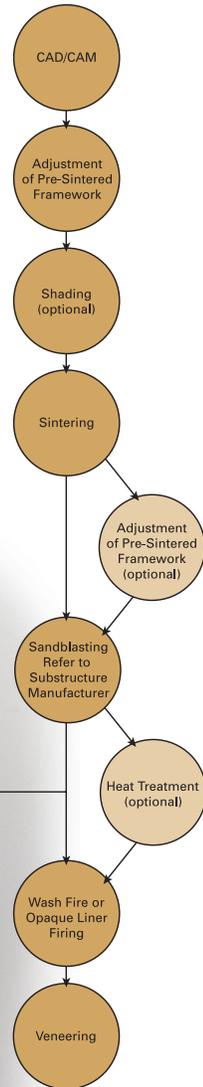
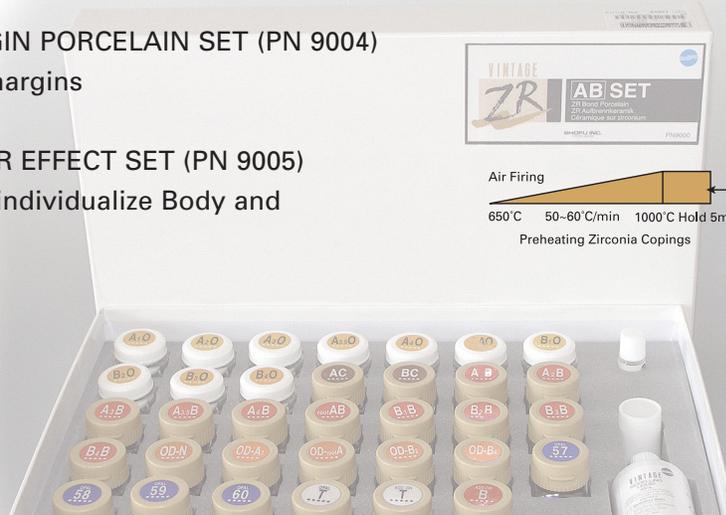
Individual effects in the incisal area using opalescent and translucent Enamel Effect powders

VINTAGE ZR MARGIN PORCELAIN SET (PN 9004)

Create aesthetic margins

VINTAGE ZR COLOR EFFECT SET (PN 9005)

Natural effects to individualize Body and Cervical powders



Technical Overview

Even after several firings VINTAGE ZR shows an even expansion and a secure bonding to the Zirconium oxide framework.

		Coefficient of Thermal Expansion (25 ~ 500°C)	Glass Transformation Point
Opaque Liner	2. / 4. Firing	$9,3 \times 10^{-6} \text{K}^{-1}$	620°C
Margin	2. / 4. Firing	$9,3 \times 10^{-6} \text{K}^{-1}$	635°C
Body	2. / 4. Firing	$9,4 \times 10^{-6} \text{K}^{-1}$	605°C
Cervical Trans.	2. / 4. Firing	$9,4 \times 10^{-6} \text{K}^{-1}$	595°C
Correction	2. / 4. Firing	$9,4 \times 10^{-6} \text{K}^{-1}$	585°C



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