



The Aesthetic Element in All-Ceramic Zirconia Restorations

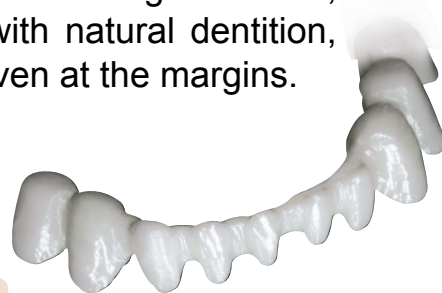




Vintage ZR enlivens all Zirconia framework with an extensive array of application possibilities for crown and bridge restorations by meeting the highest standard of aesthetics, biocompatibility and clinical stability.

Vintage ZR is a high-fusing, feldspar based micro-ceramic veneering porcelain system that offers a comprehensive selection of unique shades that facilitate simple and efficient fabrication of highly aesthetic zirconia restorations with excellent shade harmonization to natural teeth.

The unsurpassed handling qualities of Vintage ZR facilitate the straight forward, rational fabrication of restorations, which blend perfectly with natural dentition, characterised by life-like shades and vibrant translucency even at the margins.



Micro-fine Particle Structure

In addition to the material-specific advantages, the ceramic fillers have been specially designed for an efficient working technique. The particularly fine and homogeneous microfine particle structure of the porcelain powders guarantee natural shade reproduction with a strong bond to achieve remarkable aesthetics even with extremely thin layers.



Optical Properties

All the optical properties of natural teeth, such as light diffusion, opalescence and translucency can be reproduced with opalescent Vintage ZR Incisal and Effect powders.

Precise Margins

Specially created Cervical Trans powders have minimal firing shrinkage at the cervical area to ensure precise margins and long-term success of the restorations. The increased translucency and added fluorescence provide a more life-like cervical area to enhance the overall aesthetics of the restoration.



– Enlivens all Zirconia Framework

Vintage ZR offers...

- Recommended for all Zirconia framework materials
- Feldspar based micro-ceramic with extraordinary high strength
- Excellent colour reproduction to match natural teeth
- Minimized wear on opposing teeth
- Easy application technique
- Extensive range of translucent, opalescent and effect shades
- Opaque Liner to mask non-vital teeth or metal framework
- Cervical translucent compounds with a lower melting temperature and higher fluorescence for aesthetic and biocompatible marginal areas



Benefits

✓ **Reliability**

- Simple and reliable application on all standard zirconia frameworks
- Feldspar based micro-ceramic with extraordinary strength
- Excellent bonding characteristics with high fusing Opaque Liner
- Stable CTE, even after several firings
- Less abrasion on opposing natural teeth

✓ **Efficiency**

- Predictable aesthetics with a simple two layer build-up technique
- Homogenous, dense surfaces with low firing shrinkage
- Remarkable handling characteristics
- Logically co-ordinated colour concept

✓ **Versatility**

- Highly fluorescent Margin and Cervical trans powders
- Opal incisal and effect colours simulate true opalescence of natural teeth
- Corresponds to VITA* classical shade system
- Additional whitening colours

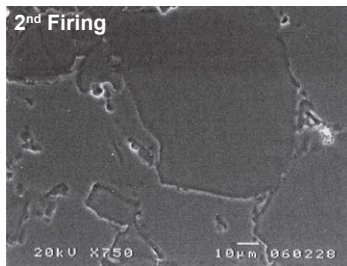
* VITA is a registered trademark of Vita Zahnfabrik, Bad Säckingen.

Remarkable Stability

Coefficient of thermal expansion – Vintage ZR exhibits uniform thermal expansion and secure bonding to the zirconia framework even after several firings.

Zirconia Coping	Vintage ZR
10.0 – 10.5	9.4

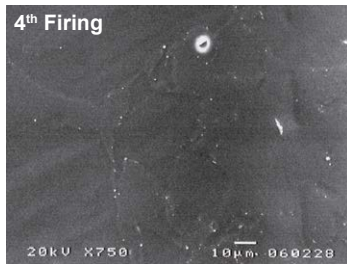
Thermal expansion modulus <25-500 °C> ($\times 10^{-6}K^{-1}$)



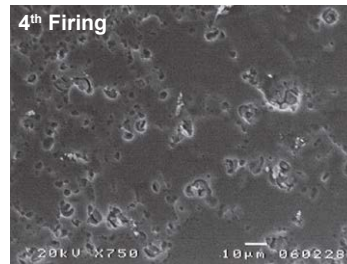
Glass-based zirconia veneer porcelain after 2nd firing.



Vintage ZR after 2nd firing.



Glass-based zirconia porcelains contain only limited crystalline structures and exhibit limited elasticity that can lead to facet-like chipping under intraoral load.



Even after four firings, Vintage ZR retains very fine particles of leucite crystals uniformly dispersed in the material. This structural feature guarantees fracture resistant restorations.

Exceptional Resistance Against Cracking

Unique composition based on natural feldspar guarantees excellent strength and stability even after multiple firings. As illustrated, Vintage ZR retains very fine particles of uniformly dispersed leucite crystals even after the 4th firing to ensure high bond strength, durability and increased resistance against cracking.

VINTAGE ZR Color Table

SHADE	W0	W1	W2	W3	A1	A2	A3	A3.5	A4	rootA	SHADE	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
OPAQUE LINER											OPAQUE LINER											
CERVICAL	—	—	—	—	—	—	A3B:2 AC:1	A3.5B:1 AC:1	A4B:1 AC:1		CERVICAL	—	—	B3B:1 BC:1		—	C2B:2 CC:1	C3B:1 CC:1				
MARGIN			W1M:2 NM:1	W1M:1 NM:2		NM:1 A3M:1		A3M:2 rootAM:1	A3M:1 rootAM:2		MARGIN	NM:1 B2M:1		B2M:1 B4M:1		NM:1 C2M:1		C2M:1 C4M:1		NM:1 D3M:1		D3M:1 B4M:1
OPAQUE DENTIN			OD-W1:2 OD-N:1	OD-W1:1 OD-N:2		OD-N:1 OD-A3:1		OD-A3:2 OD-rootA:1	OD-A3:1 OD-rootA:2		OPAQUE DENTIN	OD-N:1 OD-B2:1		OD-B2:1 OD-B4:1		OD-N:1 OD-C2:1		OD-C2:1 OD-C4:1		OD-N:1 OD-D3:1		OD-D3:1 OD-B4:1
BODY											BODY											
OPAL ENAMEL			Opal 56:2 Opal 57:1	Opal 56:1 Opal 57:2				Opal 59:1 Opal 60:1			OPAL ENAMEL											

OPAL EFFECT

ENAMEL EFFECT

CERVICAL TRANS

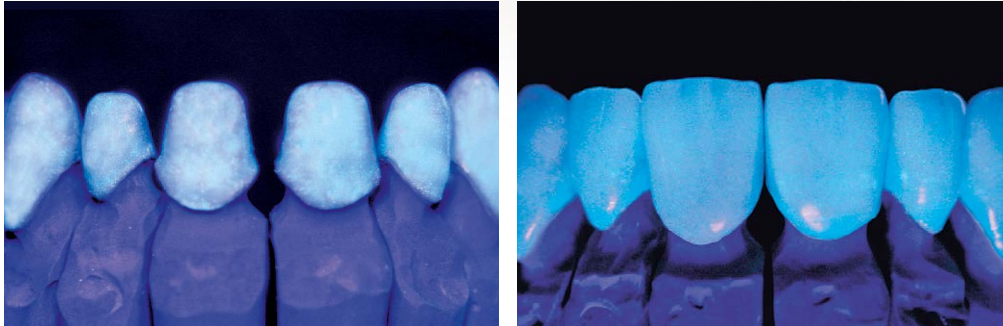
COLOR EFFECT

GUM COLOR

CORRECTION

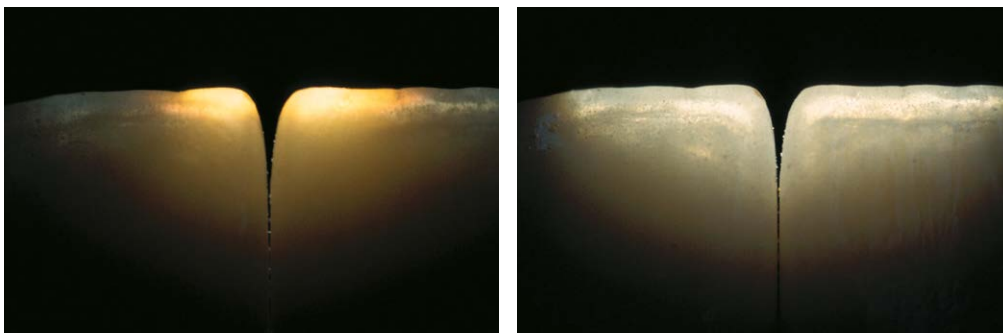
Natural Fluorescence

The highly fluorescent Cervical and Marginal powders mimic the optical properties of natural teeth with a vital appearance. Application of these powders directly on the framework accentuates the natural colour brilliance.



True Opalescence

The true opalescence of natural enamel can be easily reproduced with Vintage ZR Opal Incisal and Effect powders.



Unique Opaque Liner

The exceptionally fine particle structure of the Opaque Liner enables a patient-specific colouration of the frameworks, even with thin layers. This provides sufficient space for the following build-up.





The True Colour Universal Stains

Vintage Art Universal is a versatile and innovative, vivid, true colour stain system designed to infuse life-like shade effects in both metal-reinforced and all-ceramic restorations. Formulated with novel low-fusing, ultra-fine glass technology with intense colour pigment particle structure, Vintage Art Universal stains and glazes exhibit homogeneous mixture for convenient handling and remarkable coverage. Ideal for both 2D and 3D staining effects, Vintage Art Universal facilitates the meticulous replication of internal and external colour characteristics of natural teeth.

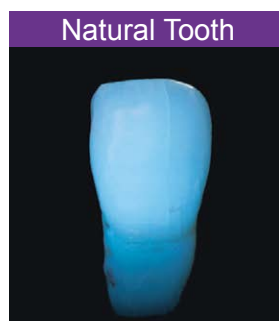
- Universal
- Economical
- Efficient
- Error-Free
- Easy & Effective
- Natural
- Flexible



Passion meets Perfection with Vintage Art Universal Stains

True Colour visualization

Save time, minimize errors and control the desired outcome with Yamamoto Liquid, the unique “true colour” mixing liquid, that enables you to visualize true shade effects and translucency of the stains / glazes, even before firing.



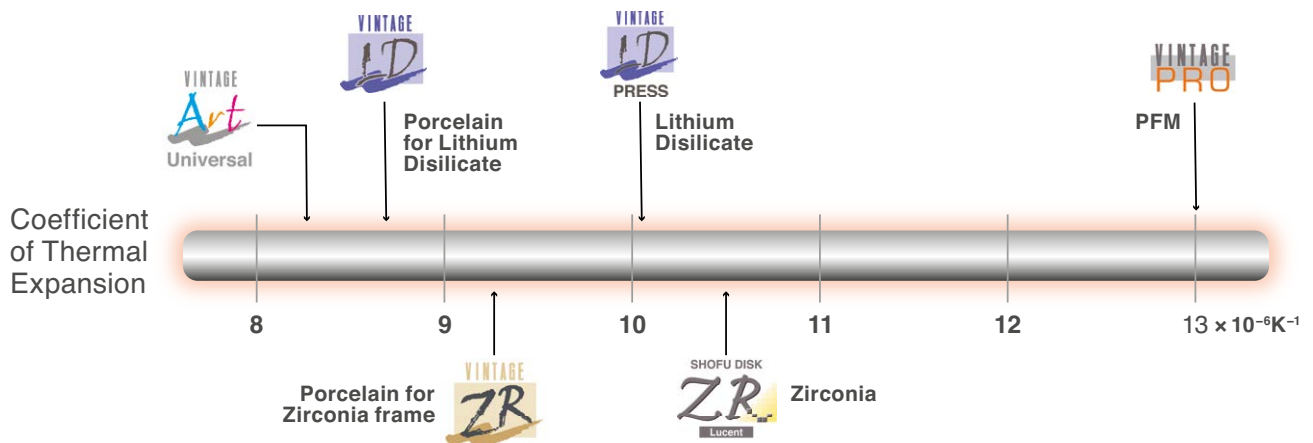
Natural Fluorescence

Vintage Art Universal stain system offers 2 variations of glazing powder with excellent surface adaptation, brilliant natural gloss and a wide range of translucencies adjusted with Yamamoto / Vintage Art Universal liquid.

Glazing Powder GP-F Fluorescent glaze for monolithic zirconia and lithium disilicate restorations

Glazing Powder GP Non-fluorescent glaze for low and high-fusing veneering ceramics (Vintage PRO / Vintage LD / Vintage ZR)

Universal Stains for a wide spectrum of Ceramic Restorations



Range of Firing Temperature

Veneered Lithium Disilicate	730 °C – 740 °C
Monolithic Lithium Disilicate	740 °C – 750 °C
Veneered Zirconia / PFM Restorations	750 °C – 800 °C
Monolithic Zirconia / Porcelain Teeth	800 °C – 850 °C

**Final firing temperature guidelines (may vary depending on design & operating voltage of your furnace)*

VINTAGE
Art
Universal

Base Stain

Basic shade adjustment and characterization are performed with these colors.



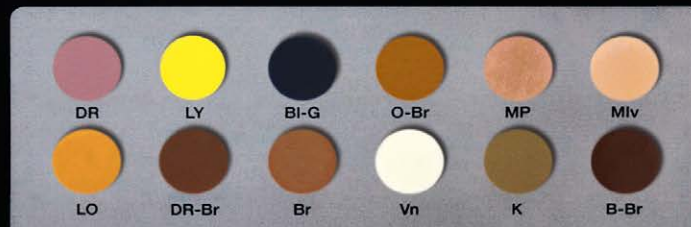
Shade Stain

Shade intensity can be controlled with these materials.

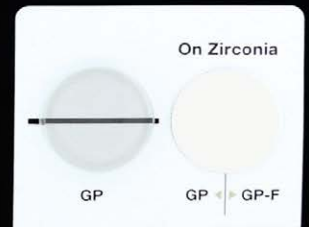


Color Stain

Due to extensive color lineup, desired shade can be obtained easily without complicated mixing.



Glazing Powder



Order Information



Vintage ZR Opaque Liner is available in 5 gm jars



Vintage ZR Porcelain is available in 15 gm, 50 gm bottles in a variety of shades



Vintage Mixing Liquid-HC
50 ml [REF 9613],
500 ml [REF 9614]

Related Products



Yamamoto Liquid
50 ml with pipette [REF 1695]



Shofu Porcelain Brush Set
[REF K0076] x 6 Brushes

Individual Brush:

- No.OP0 [REF K0070]
- No.P3 [REF K0071]
- No.P5 [REF K0072]
- No.P7 [REF K0073]
- No.S0 [REF K0074]
- No.S1 [REF K0075]



Basic Color Set [REF P0723]

16 powder stains, 2g each:

Pink, Violet, Yellow, Green, Blue, Blue Gray, Orange, Orange Brown, Dark Red Brown, White, Black, Khaki, A shade, B shade, C shade, D shade, Glazing Powder GP-F (15g), Vintage Art Universal Liquid (50ml)
Color table, Advanced product information



Glazing Powder GP
15g [REF P0691]
50g [REF P0692]



Glazing Powder GP-F
15g [REF P0693]
50g [REF P0694]



Vintage Art Universal Liquid
50 ml [REF P0695]



SHOFU DENTAL ASIA-PACIFIC PTE. LTD.

1 Science Park Road, #01-01 / 02 The Capricorn, Science Park II,
Singapore 117528 Tel: (65) 6377 2722
eMail: mailbx@shofu.com.sg www.shofu.com.sg



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