



The Aesthetic Element in All-Ceramic Zirconia Restorations

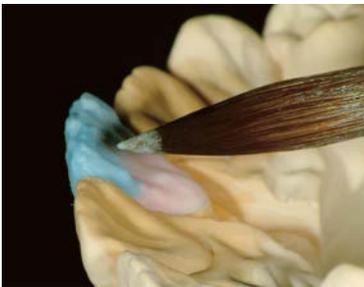
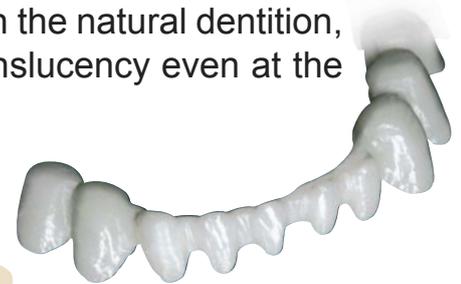




Vintage ZR enlivens all Zirconia framework with an extensive array of application possibilities for crown and bridge restorations by meeting the highest standards of aesthetics, biocompatibility and clinical stability.

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 the natural dentition, characterised by life-like brilliance of colour 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 micro 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

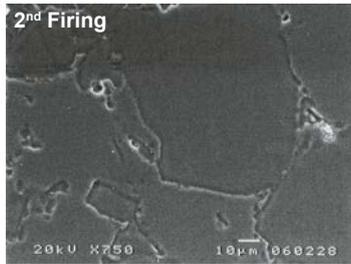
* VITA is a registered trademark of Vita Zahnfabrik, Bad Säckingen.

Technical Overview

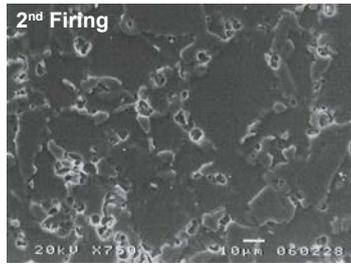
Coefficient of thermal expansion – Vintage ZR shows a uniform thermal expansion and a secure bonding to the zirconia framework even after several firings.

Zirconia Coping	Vintage ZR
10.0 – 10.5	9.4

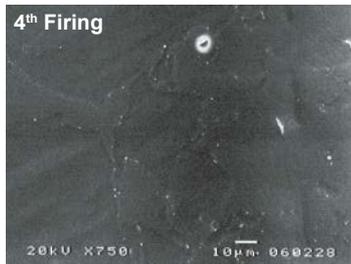
Thermal expansion modulus <25-500 °C> (× 10⁻⁶K⁻¹)



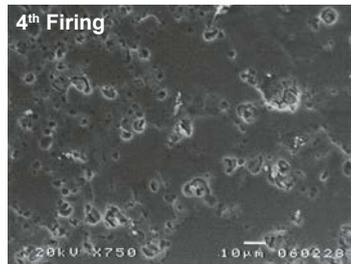
Glass-based zirconia veneer porcelain after 2nd firing.



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.

Unique Features

Resistance Against Cracking

Unique composition based on natural feldspar guarantees excellent bonding, 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.

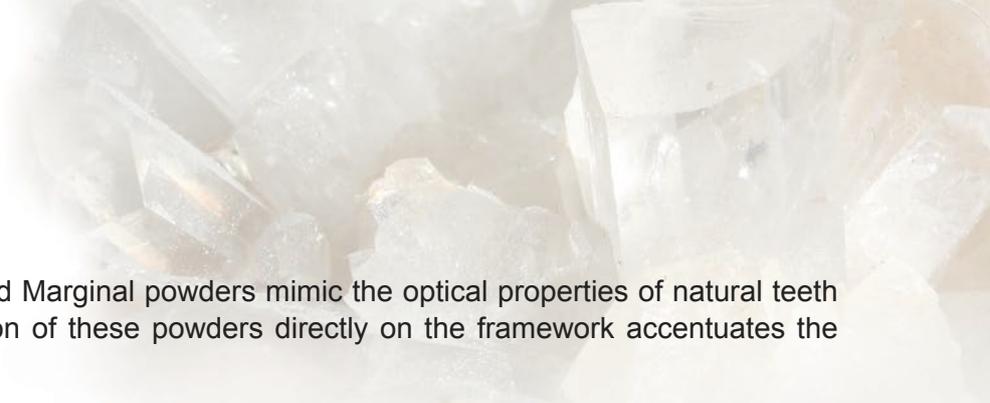
VINTAGE ZR Color Table

Shade	W0	W1	W2	W3	A1	A2	A3	A3.5	A4	rootA	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Opaque Liner	W0O	W1O	W2O	W3O	A1O	A2O	A3O	A3.5O	A4O	rootAO	B1O	B2O	B3O	B4O	C1O	C2O	C3O	C4O	D2O	D3O	D4O
Cervical	—	—	—	—	—	—	A3B:2 AC:1	A3.5B:1 AC:1	A4B:1 AC:1	AC	—	—	B3B:1 BC:1	BC	—	C2B:2 CC:1	C3B:1 CC:1	CC	DC		
Margin	W0M	W1M	W1M:2 NM:1	W1M:1 NM:2	NM	NM:1 A3M:1	A3M	A3M:2 rootAM:1	A3M:1 rootAM:2	rootAM	NM:1 B2M:1	B2M	B2M:1 B4M:1	B4M	NM:1 C2M:1	C2M	C2M:1 C4M:1	C4M	NM:1 D3M:1	D3M	D3M:1 B4M:1
Opaque Dentin	OD-W0	OD-W1	OD-W1:2 OD-N:1	OD-W1:1 OD-N:2	OD-N	OD-N:1 OD-A3:1	OD-A3	OD-A3:2 OD-rootA:1	OD-A3:1 OD-rootA:2	OD-rootA	OD-N:1 OD-B2:1	OD-B2	OD-B2:1 OD-B4:1	OD-B4	OD-N:1 OD-C2:1	OD-C2	OD-C2:1 OD-C4:1	OD-C4	OD-N:1 OD-D3:1	OD-D3	OD-D3:1 OD-B4:1
Body	W0B	W1B	W2B	W3B	A1B	A2B	A3B	A3.5B	A4B	rootAB	B1B	B2B	B3B	B4B	C1B	C2B	C3B	C4B	D2B	D3B	D4B
Enamel	Opal 55	Opal 56	Opal 56:2 Opal 57:1	Opal 56:1 Opal 57:2	Opal 57	Opal 58	Opal 59	Opal 59:1 Opal 60:1	Opal 60	Opal 60	Opal 57	Opal 58	Opal 59	Opal 60	Opal 58	Opal 59	Opal 60	Opal 60	Opal 58	Opal 59	Opal 59

Opal Effect	Opal T	Opal SL	Opal WE	Opal MI	Opal OC	Opal AM-R	Opal AM-Y	Opal AM-V
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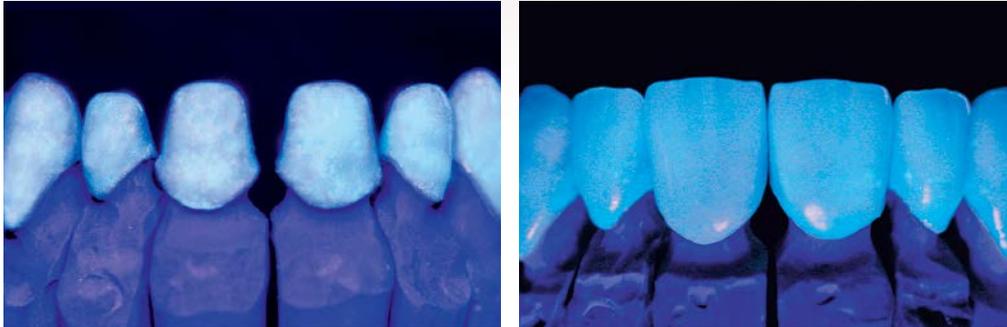
Enamel Effect	BT	OT	PT	GT	T-GLASS	Cervical Trans	CT-CL	CT-W	CT-A	CT-B	CT-R
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Color Effect	MP	MY	Mv	RED	Y	O	G	W	Gum Color	Gum-LP	Gum-DP	Gum-V	Gum-Or	Gum-R	Gum-P
	OM-Y	OM-LP	OM-DP	LPM	CLM	Correction	ADD-ON B	ADD-ON T	CPM-FINE	Uni-Layer	HT	LT			



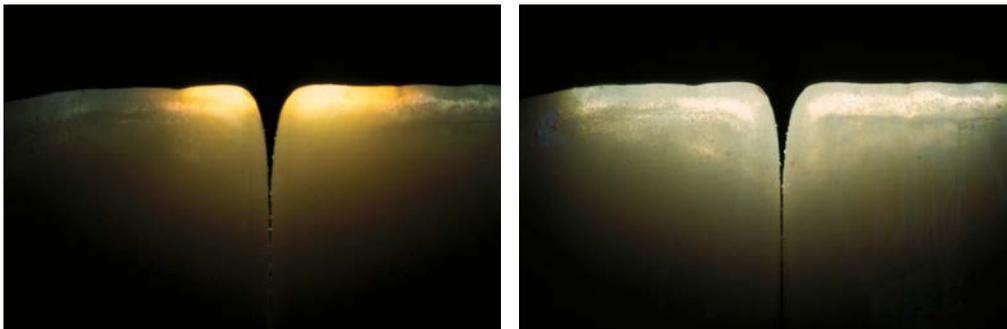
Natural Fluorescence

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 the Opal Incisal and Effect powders of Vintage ZR porcelain.



Novel 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.





– Life-like Individual Characterization

Vintage Art fluorescent porcelain stains have been specially created for internal or external application to modify shades and easily reproduce individual characterizations of various types of dental ceramics. These stains are complemented with a ready to use highly fluorescent Glazing paste that supports a life-like colour impression.

Created for...

- Porcelain materials with different co-efficient of thermal expansion such as:
 - PFM porcelains – Vintage / Vintage Halo / Vintage MP*
 - Zirconia porcelain – Vintage ZR*
- Zirconia Frames
- CAD / CAM Ceramic Blocks



Unique Features

Easy to use paste

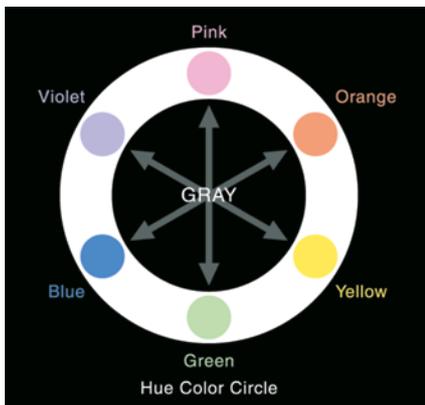
The ultra-fine particle structure of the stains ensures excellent handling and efficient application in thin layers.

Fluorescence

These highly fluorescent stains match the fluorescence of natural dentition and enhance the vitality of the ceramic frameworks.

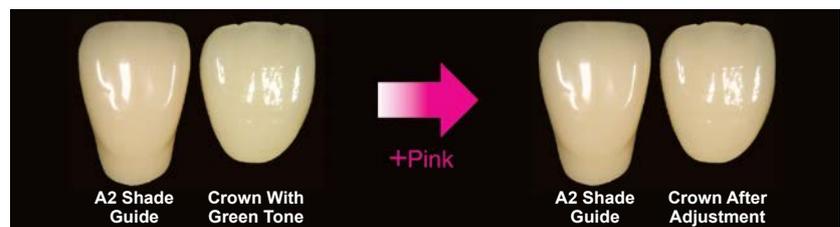
32 versatile colours & shades

The Vintage Art stain concept consists of Basic stain colours, Colour stains and Shade stain colours (Shade stain and Foundation Shade stains).



Hue Colour Circle (Left)

- Colour adjustment of ceramic materials have been simplified with the subtractive color mixing theory as per the Hue Colour Circle which consists of primary stain colours (Pink [red], Blue, Yellow) secondary stain colours (Orange, Brown, Violet).
- 2 colours located opposite each other have the ability to neutralize colour and are called "Complementary Colours".



(Top) eg. If green tone should be reduced, a pink colour as the complementary colour of green can be applied to adjust the tooth shade.

VINTAGE ART Color Table

Basic Colors

COLOR	IMAGE	SHADE ADJUSTMENT	CERVICAL	STAIN	INCISAL	GUM
Pink*1		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Yellow*1		<input type="checkbox"/>				
Blue*1		<input type="checkbox"/>			<input type="checkbox"/>	
Orange*1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Violet*1		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Green*1		<input type="checkbox"/>				
Black		<input type="checkbox"/>		<input type="checkbox"/>		
White				<input type="checkbox"/>	<input type="checkbox"/>	
Dark Red Brown			<input type="checkbox"/>	<input type="checkbox"/>		
Orange Brown			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Khaki			<input type="checkbox"/>	<input type="checkbox"/>		
A shade*2		<input type="checkbox"/>	<input type="checkbox"/>	A1 A2 A3 A3.5 A4 rootA		
B shade*2		<input type="checkbox"/>	<input type="checkbox"/>	B1 B2 B3 B4 rootB		
C shade*2		<input type="checkbox"/>	<input type="checkbox"/>	C1 C2 C3 C4 rootC		
D shade*2		<input type="checkbox"/>	<input type="checkbox"/>	D2 D3 D4		
R shade*2		<input type="checkbox"/>	<input type="checkbox"/>	R1 R2 R3 R3.5 R4		

Effect Colors

COLOR	IMAGE	SHADE ADJUSTMENT	CERVICAL	STAIN	INCISAL	GUM
Gray		<input type="checkbox"/>			<input type="checkbox"/>	
Blue Gray					<input type="checkbox"/>	
Corn Yellow					<input type="checkbox"/>	
Brown			<input type="checkbox"/>	<input type="checkbox"/>		
Black Brown			<input type="checkbox"/>	<input type="checkbox"/>		
Mamelon Pink					<input type="checkbox"/>	
Mamelon Ivory					<input type="checkbox"/>	
Rose Pink			<input type="checkbox"/>			<input type="checkbox"/>
Wine Red			<input type="checkbox"/>			<input type="checkbox"/>
Pink Orange			<input type="checkbox"/>			<input type="checkbox"/>
F-A shade*2		<input type="checkbox"/>		A1 A2 A3 A3.5 A4 rootA		
F-B shade*2		<input type="checkbox"/>		B1 B2 B3 B4 rootB		
F-C shade*2		<input type="checkbox"/>		C1 C2 C3 C4 rootC		
F-D shade*2		<input type="checkbox"/>		D2 D3 D4		
F-R shade*2		<input type="checkbox"/>		R1 R2 R3 R3.5 R4		

*1 Base Stains
*2 Shade Stains

Order Information



Vintage ZR Sets:

AB Set [PN 9000]
CD Set [PN 9001]
Enamel Effect Set [PN 9003]
Margin Porcelain Set [PN 9004]
Color Effect Set [PN 9005]
Whitening Set [PN 9002]



Vintage Art Basic Color Set [PN 6510]

Shades (3g) x 17:
Pink, Yellow, Blue, Orange, Violet,
Green, White, Black, Dark Red
Brown, Orange Brown, Khaki,
A-Shade, B-Shade, C-Shade,
D-Shade, R-Shade
Glazing Paste
Vintage Art Stain Liquid (50ml)



Vintage Art Effect Color Set [PN 6511]

Shades (3g) x 16:
Brown, Black Brown, Gray, Blue Gray,
Corn Yellow, Rose Pink, Wine Red,
Pink Orange, Mamelon Pink,
Mamelon Ivory,
Foundation A-Shade, B-Shade,
C-Shade, D- Shade, R-Shade,
Glazing Paste
Vintage Art Stain Liquid (50ml)

Related Products



Porcelain Brush Set 6 Pcs [PN 6985]

Brushes x 6:
OP-0, S-0, S-1, P-3, P-5, P-7



SHOFU DENTAL INDIA PRIVATE LIMITED

D-3/3, OKHLA INDUSTRIAL AREA, PHASE- II, NEW DELHI, 110020 INDIA
TEL: (91) 11494 41400 FAX: (91) 11494 41401 E-mail: info@shofudental.co.in