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.
**Reliability**
- Simple and reliable application on all standard zirconia frameworks
- Feldspar based micro-ceramic with extraordinary high strength
- Excellent colour reproduction to match natural teeth
- 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.

<table>
<thead>
<tr>
<th>Zirconia Coping</th>
<th>Vintage ZR</th>
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<tbody>
<tr>
<td>10.0 – 10.5</td>
<td>9.4</td>
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</tbody>
</table>

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

**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 leucite crystals uniformly dispersed in the material. This structural feature guarantees fracture resistant restorations.

**VINTAGE ZR Color Table**

```
| Shade | W0 | W1 | W2 | W3 | A1 | A2 | A3 | A3.5 | A4 | outA | B1 | B2 | B3 | B4 | C1 | C2 | C3 | C4 | C5 | D1 | D2 | D3 | D4 |
|-------|----|----|----|----|----|----|----|------|----|------|----|----|----|----|----|----|----|----|----|----|----|----|
| Opal Liner | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cervical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Margin | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Opal Dentin | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Body | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enamel | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

**Opal Effect**

- Opal 55
- Opal 56
- Opal 57
- Opal 58
- Opal 59
- Opal 60
- Opal 61
- Opal 62
- Opal 63
- Opal 64
- Opal 65
- Opal 66
- Opal 67
- Opal 68
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- Opal 95
- Opal 96
- Opal 97
- Opal 98
- Opal 99
- Opal 100

**Enamel Effect**

- Cervical
- Cervical Trans.
- CT-Glas
- CT-Matt
- CT-Blk

**Cervical Trans.**

- Cervical
- Cervical Trans.
- CT-Glas
- CT-Matt
- CT-Blk

**Color Effect**

- MP
- MY
- MK
- RED
- Y
- D
- S
- W

**Gum Color**

- Gum-Br
- Gum-Or
- Gum-Pen
- Gum-Dark
- Gum-Light
- Gum-Blk

**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.
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).

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

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.
### Basic Colors

<table>
<thead>
<tr>
<th>COLOR</th>
<th>IMAGE</th>
<th>SHADE</th>
<th>ABRASION</th>
<th>CERICAL</th>
<th>STAIN</th>
<th>INDENT</th>
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### Effect Colors

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<th>ABRASION</th>
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*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)

Vintage ZR Uni-Layer Starter Set:
- [PN 9247]
  - Vintage ZR Opaque Liner (5g): A2O, A3O
  - Vintage ZR Uni-Layer (50g): HT, LT
  - Vintage AL/ZR Opaque Liner Liquid (3ml)
  - Vintage Mixing Liquid HC (50ml)

Related Products

Ceramic Technique System Kit [PN 0325]

Porcelain Brush Set 6 Pcs [PN 6985]
- Brushes x 6:
  - OP-0, S-0, S-1, P-3, P-5, P-7