



## The Aesthetic Element in PFM Restorations

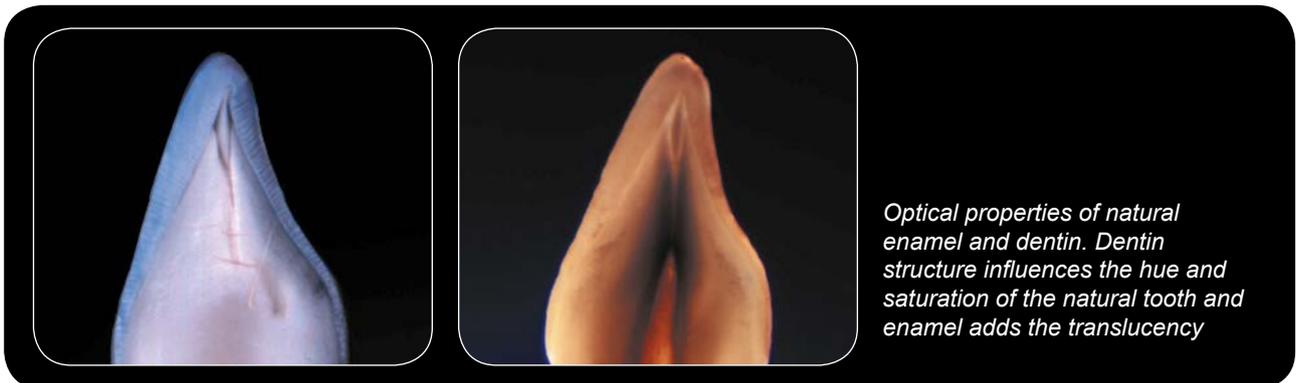




**VINTAGE MP** redefines the conventional metal-bonded porcelain systems by simulating natural light transmission usually achievable with all-ceramic restorations. The unique ultra-fine microparticle structure exhibits diffused reflection of light as observed in natural teeth, to ensure reproduction of life-like PFM restorations with precision and efficiency.

### *More Natural with Diffused Light Reflection*

**VINTAGE MP** is a new generation of metal-bonded porcelain developed using advanced porcelain technology with optical characteristics that simulate natural teeth. The main advantage of diffused light reflection is that most of the incidental light is maintained within the dentin and opaque layers that provides a natural hue to the restoration.



### *Perfect Aesthetics with Minimum Effort*

The unique composition of **VINTAGE MP** porcelain enables a simple application technique to achieve predictable restorations with minimum effort. The optical characteristics help reproduce natural aesthetics with invisible contours of the opaqued metal frame that simulate effects of metal-free restorations.



*PFM crown exhibiting aesthetics similar to a metal-free restoration with invisible contours of opaqued metal frame.*

*PFM bridge exhibiting the perfect aesthetics achievable with minimal effort in a step wise manner.*

## Benefits

### RELIABILITY

- Safe and simple application on all PFM alloys with a CTE range of  $13.6 \sim 15.2 \times 10^{-6} \text{K}^{-1}$  (25 ~ 500°C)
- Enhanced bond strength to alloy with the application of the Base Opaque
- Exceptional color stability due to unique “glass coating” of the colour pigments
- Minimized wear on opposing teeth
- Guarantees colour brilliance and depth of light penetration even after multiple firings

### EFFICIENCY

- Paste opaque assures outstanding masking properties even with a thin layer
- Remarkable natural aesthetics with the modified two-layer build-up technique
- Homogenous and dense surface with low shrinkage during firing
- Excellent handling characteristics during build-up to simplify fabrication process

### VERSATILITY

- Highly aesthetic and biocompatible marginal areas with special cervical translucent compounds
- Versatile range of opalescent, incisal and effect shades with additional bleaching shades
- An inherent anti-greening property to suit alloys with high silver content
- Based on the VITA \* Classical shade system

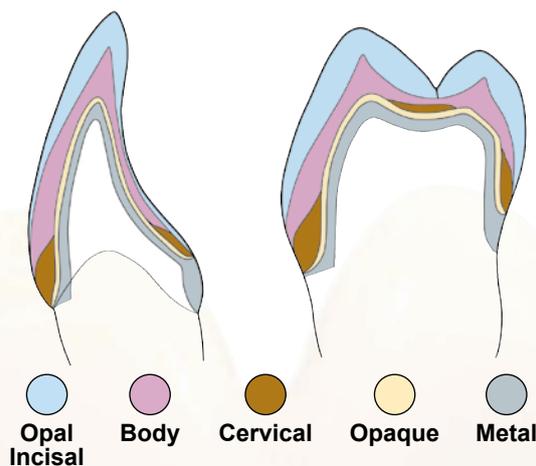
\*VITA is a registered trademark of VITA Zahnfabrik, Bad Sackingen

## Mimic Nature even with limited space

With Vintage MP you can create aesthetic restorations that match natural teeth even with only 1mm of tooth preparation.



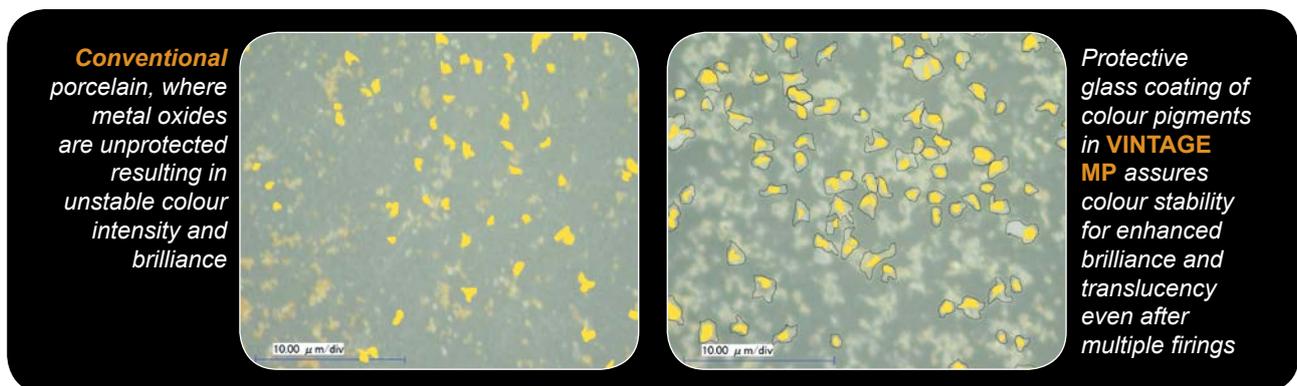
Vertical section and front view of a thin anterior PFM crown exhibiting natural aesthetics (total thickness only 1mm).



Modified two-layer build-up technique similar to dentin-enamel structure of natural teeth.

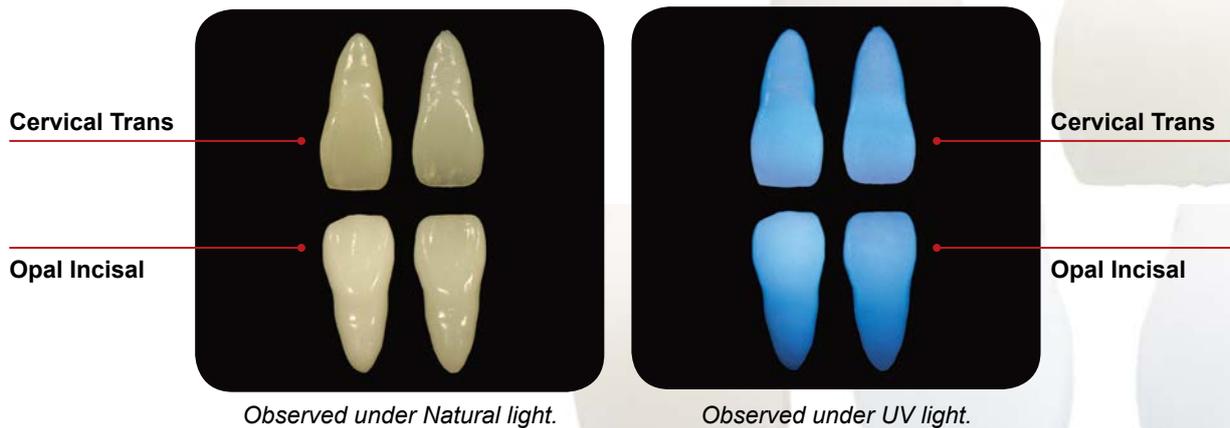
## Sustained Colour Brilliance even after Multiple Firings

The unique composition of leucite reinforced crystalline structure with special “glass coated” colour pigments of **VINTAGE MP** exhibits high temperature resistance and stability after multiple firings that helps retain the colour brilliance and light penetration.



## Natural Fluorescence

The intensively fluorescent margin, cervical and Opal incisal powders add natural radiance to the restoration that mimic light conditions more effectively for brilliant results.



## True Opalescence

The opalescent effect seen in natural enamel can be efficiently reproduced with the Opal Incisal and Effect powders of **VINTAGE MP**.



## Successful Masking with extremely Thin Layers

### UNIQUE BASE OPAQUE

The exceptionally fine particle structure of this ready to use yellow-orange Base Opaque acts as a foundation that enhances the bonding to the alloy even in thin layers of 0.05mm while adding a warm pleasant hue to the basic shade.



*Easy to apply yellow-orange Base Opaque to enhance the bonding and add a warm hue to the basic shade.*

### SHADE OPAQUE

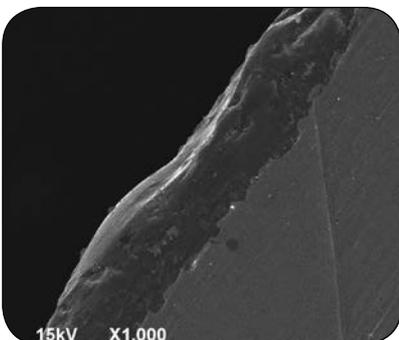
The easy to use range of **VINTAGE MP** Paste Opaque creates an extremely opaque and homogenous layer with a single application. The unique surface texture of the egg shell appearance observed in the Shade Opaque minimizes light reflection to hide the contours of the opaqued metal frame.



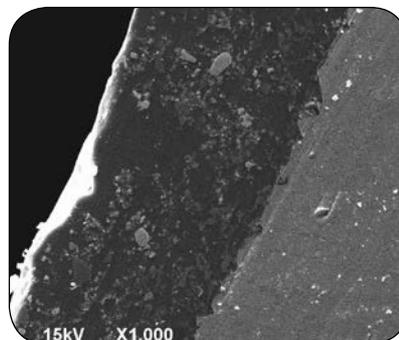
*Half the crown was completed with dentin and enamel, while the other half with only opaque to reveal that the final hue of the crown can be achieved at this stage.*

### PERFECT SYMBIOSIS

When used in combination with Base Opaque it masks metal efficiently while providing a perfect bond and a foundation colour with an extremely thin layer of just 0.1mm.



*Base Opaque ensures superb bonding to the alloy after firing.*



*Base Opaque and Shade Opaque merge together and work in unison to mask the alloy.*

## Comprehensive Colour System

In addition to the standard powders, the **VINTAGE MP** porcelain system offers a versatile spectrum of highly fluorescent powders for the margin and cervical areas as well as opalescent translucent effect powders for individual characterisation to mimic the natural teeth.

Shade	W0	W1	W2	W3	A1	A2	A3	A3.5	A4	rootA	B1	B2	B3	B4				
<b>BASE OPAQUE</b>	●																	
<b>SHADE OPAQUE</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
<b>CERVICAL</b>	-						A3B:2 AC:1	A3.5B:1 AC:1	A4B:1 AC:1	AC	-		B3B:1 BC:1	BC				
<b>MARGIN</b>	●	W0M:2 NM:1	W0M:1 NM:2	●	●	●	●	●	●	●	NM:1 B2M:1	●	B2M:1 B4M:1	●				
<b>OPAQUE DENTIN</b>	●	OD-W0:2 OD-N:1	OD-W0:1 OD-N:2	●	●	●	●	●	●	●	OD-N:1 OD-B2:1	●	OD-B2:1 OD-B4:1	●				
<b>BODY</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
<b>OPAL ENAMEL</b>	OPAL55	OPAL56	OPAL56:2 OPAL57:1	OPAL56:1 OPAL57:2	OPAL57	OPAL58	OPAL59	OPAL59:1 OPAL60:1	OPAL60	OPAL60	OPAL57	OPAL58	OPAL59	OPAL60				
<b>INCISAL</b>	-				58		59		60		57		58		59		60	
<b>TRANSLUCENT</b>	●																	

Shade	C1	C2	C3	C4	D2	D3	D4
<b>BASE OPAQUE</b>	●						
<b>SHADE OPAQUE</b>	●	●	●	●	●	●	●
<b>CERVICAL</b>	-	C2B:2 CC:1	C3B:1 CC:1	CC	DC D2B:1 DC:1   D3B:1 DC:1   DC:1 BC:1		
<b>MARGIN</b>	NM:1 C2M:1	●	C2M:1 C4M:1	●	NM:1 D3M:1	●	D3M:1 B4M:1
<b>OPAQUE DENTIN</b>	OD-N:1 OD-C2:1	●	OD-C2:1 OD-C4:1	●	OD-N:1 OD-D3:1	●	OD-D3:1 OD-B4:1
<b>BODY</b>	●	●	●	●	●	●	●
<b>OPAL ENAMEL</b>	OPAL58	OPAL59	OPAL60	OPAL58	OPAL59		
<b>INCISAL</b>	58	59	60	59	60	59	
<b>TRANSLUCENT</b>	●						

With the comprehensive range of colours all aesthetic challenges can be achieved easily with predictability.



<b>OPAQUE MODIFIER</b>	OM-G	OM-O	OM-Br	OM-Y	OM-BG	OM-LF	OM-DP			
<b>CERVICAL TRANS</b>	CT-A	CT-B	CT-R	CT-W	CT-CL					
<b>MARGIN EFFECT</b>	CLM	LPM	DPM	OrM	BrM	MLM	MDM			
<b>COLOR EFFECT</b>	MP	Mlv	MY	RED	O	Y	G	W	Br	Bl
<b>GUM COLOR</b>	GUM-LP	GUM-DP	GUM-V	GUM-Or						
<b>OPAL EFFECT</b>	OPAL T	OPAL SL	OPAL MI	OPAL WB	OPAL WE	OPAL OC	OPALAM-R	OPALAM-Y	OPALAM-V	
<b>ENAMEL EFFECT</b>	T	T-Glass	BT	PT	GT	OT				
<b>CORRECTION</b>	ADD-ON B	ADD-ON T	CPM FINE							

## Order Information



VINTAGE MP STARTER SET HC  
A2 [PN 9258] / A3 [PN 9259]



VINTAGE MP STANDARD SET HC [PN 9257]



VINTAGE MP ENAMEL  
EFFECT SET [PN 9252]



VINTAGE MP COLOR  
EFFECT SET [PN 9256]



VINTAGE MP MARGIN  
PORCELAIN SET  
[PN 9253]



VINTAGE MP WHITENING  
SET [PN 9251]

## Related Products



VINTAGE ART BASIC COLOR SET /  
VINTAGE ART EFFECT COLOR SET



PORCELAIN BRUSH SET



PORCELAIN INSTRUMENT KIT SMALL



CERAMIC TECHNIQUE SYSTEM KIT



**SHOFU DENTAL INDIA PRIVATE LIMITED**

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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