



PURE AESTHETICS



**MICRO CERAMIC SYSTEM
FOR ALL PFM ALLOYS**

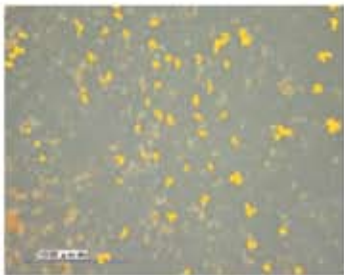


SHOFU DENTAL CORPORATION
Call for Information 800 827 4638 www.shofu.com
SAN MARCOS CALIFORNIA

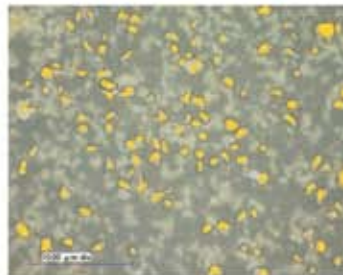
SIMPLY THE BEST PFM PORCELAIN DEVELOPED

TECHNOLOGY AND INNOVATION

Vintage MP's leucite-reinforced crystalline structure has temperature-resistant color pigments in the crystal and glass phases even after several firings. The color intensity and penetration of the porcelain are preserved. As a result of this technology, all conventional, high-fusing PFM alloys, whether high gold, bio or non-precious, can be veneered simply with natural looking light transmission and in a short and economical time frame.

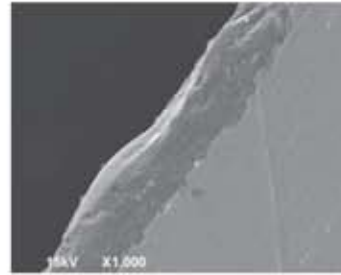


Color pigments and metal oxides are unprotected in conventional porcelains and are diminished with every firing. The color of the porcelain material changes and becomes dull.

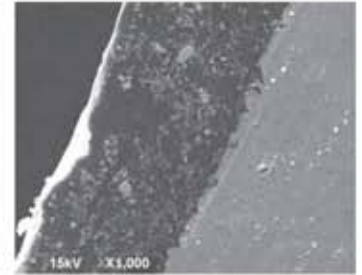


Vintage MP color pigments and metal oxides are covered with protective glass. The color intensity and translucency are retained, even after several firings.

Superior bonding and masking can be achieved with extremely thin layers. The particle structure of the ready-to-use orange colored Vintage MP base opaque is exceptionally fine. An applied layer of 0.05mm increases the bonding to the alloy and supports the opacity of the opaques. Non-precious alloys quickly and easily achieve a pleasant and warm shade. Vintage MP's shade opaque creates an extremely opaque and homogenous layer. Crowns and bridges are primed simply and quickly according to the desired tooth shade after one layer. When the base opaque and shade opaque are used in combination, a complete



Base opaque achieves superb bonding to the alloy after firing.

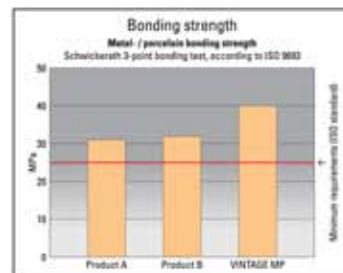


Base opaque and shade opaque merge together to form a tight unit.

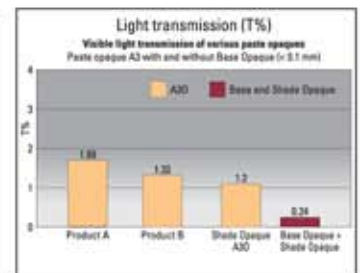
opaquing of the frame is achieved with a layer of just 0.1mm. This leaves sufficient space available for the subsequent layering.

Vintage MP enables a modified two-layer technique similar to the dentin and enamel structure of natural teeth with results that cannot be distinguished from nature. The blending of the individual powders, perfect handling properties and firing performance ensure an efficient procedure.

All individual powders of the Vintage MP system correspond in their color coordination to the shades of the Vintage® AL and Vintage ZR® porcelain powders. This coordination permits an identical layer structure and a reliable color reproduction particularly with combined porcelain constructions.



In relation to the required ISO value or to leading competitors, the bonding strength is considerably higher due to the base opaque.



Vintage MP shade opaque, used in combination with base opaque, provides a perfect color base with an exceptionally thin layer.





Dominique Olivier, Ceramist

Vintage MP a new generation of metal bond porcelain, designed with the latest discoveries in porcelain technology. The ultra-fine micro porcelain is adapted to the diffused light reflection of natural enamel and dentin. One advantage of an increase of the diffused light reflection of the dentin powders is that a greater part of the indirect light is not being refracted or spread by the opaquer, but is already in the dentin layer. The light optical properties of natural teeth are simply reproduced, and the contours of the opaqued metal frame are optically minimized.



PFM Alloy



Base paste opaque applied
Joe Weisz, BS, CDT



Shade paste opaque applied



NATURAL AESTHETICS

Vintage MP has great build-up stability and modeling characteristics. The powders simplify the layer application and contribute to beautiful restorations.

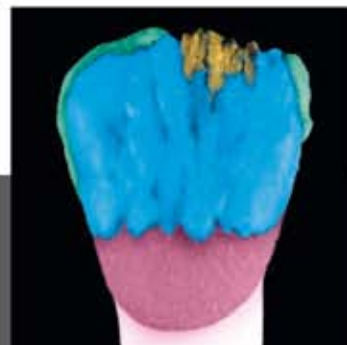
The fluorescent margin and cervical powders achieve a natural radiance that comes from the deep layers, and therefore give a natural appearance in all light conditions.



Vintage MP under natural light



Vintage MP under ultraviolet light



Vintage MP

THE NEW GENERATION OF PFM PORCELAIN



Joe Weisz, BS, CDT



Joe Weisz, BS, CDT

VINTAGE MP – DESIGNED TO BE WORRY-FREE!

- MP** safe and simple application on ALL PFM alloys with a CTE range of 13.6 to $15.2 \times 10^{-6} \text{K}^{-1}$ (25-500°C)
- MP** extremely fine and dense paste opaques for unsurpassed coverage
- MP** enhanced bonding strength for all PFM alloys
- MP** exceptional color stability
- MP** simulates the wear of natural dentition
- MP** low shrinkage during firing and homogeneous, dense surfaces
- MP** optimal working conditions due to increase build-up stability and modeling characteristics
- MP** highly fluorescent margin and cervical translucent powders
- MP** versatile opalescent incisal and effect powders
- MP** color corresponds with Shofu's Vintage® AL and Vintage ZR® porcelains
- MP** easy matching to the VITA® Classic shade system



Vintage MP, developed by internationally renowned dental master, Makoto Yamamoto.



SHOFU



CERAMICS

MICRO CERAMIC SYSTEM FOR ALL PFM ALLOYS



STANDARD SET (PN 9250)

The cost effective introduction to the Vintage MP technology in the shades A1-A4, B2, B3 and C2. This set includes all the necessary components for the production of attractive PFM restorations.



ENAMEL EFFECT SET (PN 9252)

Opalescent incisal and translucent powders as well as cervical translucent powders for an individual, natural light transmission in the incisal and body area.



WHITENING SET (PN 9251)

This set is ideal for the reproduction of bleached teeth in the shades W0, W1, W2 and W3.



COLOR EFFECT SET (PN 9256)

For natural effects to individualize dentin and cervical powders. Four supplementary GUM powders facilitate the restoration of naturally appearing gingival parts.



MARGIN PORCELAIN SET (PN 9253)

Highly fluorescent powders for accurate aesthetic margins in the shades W0 to D4. Various margin effect powders offer a natural adaptation to every natural color shade.



STARTER A2 SET (PN 9254)

Ideal for familiarizing yourself with the aesthetic possibilities offered by the Vintage MP porcelain system. This set contains all of the components for the production of the shade A2.



STARTER A3 SET (PN 9255)

Ideal for familiarizing yourself with the aesthetic possibilities offered by the Vintage MP porcelain system. This set contains all of the components for the production of the shade A3.

TECHNICAL OVERVIEW

VINTAGE MP works perfectly in combination with all PFM alloys within a CTE range from 13.6 to $15.2 \times 10^{-6} \text{K}^{-1}$ (25-500°C).

		Coefficient of Thermal Expansion (25-500°C)	Glass Transformation Point
Base Opaque	2 / 4 firing	$11.5 \times 10^{-6} \text{K}^{-1}$	598°C
Shade Opaque	2 / 4 firing	$12.4 \times 10^{-6} \text{K}^{-1}$	594°C
Body, Incisal, Cervical, Effect	2 / 4 firing	$12.3 \times 10^{-6} \text{K}^{-1}$	557°C
Opaque Dentin Correction	2 / 4 firing	$11.7 \times 10^{-6} \text{K}^{-1}$	528°C



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